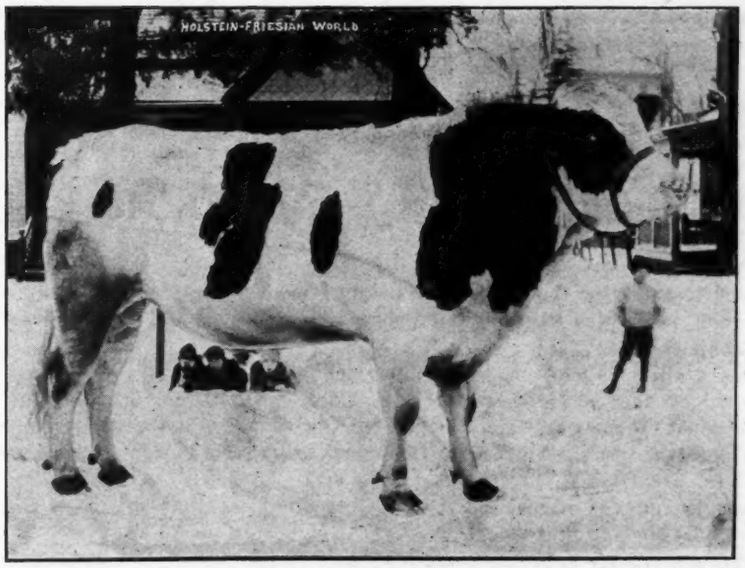
HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

VOL. III. MADISON, WISCONSIN, APRIL 4, 1914. NO. 7.



PONTIAC KORNDYKE BURKE 100306

A son of Pontiac Burke and Pontiac Koningen.
Pontiac Burke has 42 A. R. O. daughters.
Pontiac Koningen and 15 of her sisters average over 30 lbs. butter in 7 days.
Owned by J. P. Blackmore, Vassar, Mich.

A BULL GIVEN AWAY

Whose 11 Dams Records Average 30-lbs

The member of the Holstein-Friesian Association of America (or anyone, who has or will make application and pay membership fee, before date of sale) who makes the nearest estimate to the selling price of the young bull, King Walker Champion, that is to be sold at Earlville, N. Y., May 8th, WINS A SON OF KING OF THE BLACK AND WHITES AND ABBY HARTOG CLOTHILDE 2D, A 27-LB. FOUR-YEAR-OLD DAUGHTER OF ABBY HARTOG CLOTHILDE, RECORD 31.39 LBS.

King Walker Champion, IS THE ONLY BULL OF THE BREED, WHOSE DAM, GRANDDAM, GREAT GRANDDAM and SIRE'S DAM, GRANDDAM and GREAT GRANDDAM ARE ALL 30-LB. COWS.

He is handsomely marked, and individually as good as his breeding.

COME AND SEE THIS GREAT CALF SOLD AND WIN A PRIZE THAT WILL PAY YOU MANY TIMES FOR YOUR TROUBLE.

A. A. Hartshorn Holstein Co.

Hamilton, New York

An Illinois Sale

Fifth Annual Quality Sale April 14th at Peoria, Ill.

We are pleased to announce that we have consigned about 35 head of cows and heifers to the above sale. We want to get acquainted with our fellow breeders in Illinois and the Middle West, and we nope you will all be at this sale.

Our consignment will be a good one. We cannot tell you here about all the good animals that we have put in, and suggest that you write now to I. J. Case, Alta, Ill., for a catalogue.

There will be about 10 cows and heifers bred to King Quality, and as many more bred to a son of Admiral Walker Pietertje. There will be A. R. O. cows with records up to 25 lbs. of butter in seven days. Heifer calves, too, from A. R. O. dams.

And if you are looking for a bull of first-class breeding, one that will be a source of profit and satisfaction to you, just come to this sale.

This will be an opportunity to secure 30-lb. breeding. King Quality's four nearest dams all have records greater than 30 lbs. of butter in seven days. We already have over fifty calves by him. His first daughters will freshen next fall, and all will be officially tested. Write us for more information about him.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

A NEW HOLSTEIN SALE

IN THE MIDDLE WEST

Waukesha County Holstein Club Sale,

Waukesha, Wis., MAY 4, 1914.

In this sale will be 75 head of the best that can be selected from the herds of a county that has long been prominent on the Holstein Map.

A Holstein Club Sale, backed by breeders of the Waukesha Club spirit, is bound to be a good one.

CHAS. J. WILL
Business Manager
Menomonee Falls, Wis.

E. M. HASTINGS
Sale Manager
Lacona, N. Y.

GREEN ACRE FARM

OFFERS for SERVICE their HERD SIRE

KING MASTER No. 117183

BORN JANUARY 15, 1912.

KING MASTER is one of the best bred bulls in the world. His sire, whose only daughter to be tested has a record of 23.39 lbs. as a senior 2-year--old, was sired by LORD NETHERLAND DE KOL and from the 27-lb. cow, SUSIE HENGERVELD DE KOL.

His dam, AAGGIE PAULINE SARCASTIC, is one of the very few cows that have produced 36 lbs. of butter in seven days; she is an ideal cow individually, and comes from great transmitting ancestry.

The records of King Master's dam and sire's dam average:

Butter 31.98 lbs. Milk, 525.95 lbs. Average fat 4.87.

Remember, his dam is a 36.35 cow; and his grandsire has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

Service, to insure a live calf, $150.00.

Also a few young bulls for sale, sired by King Segis Champion No. 71546 (his dam a 36-lb. cow) and Lewis Prilly Rouble Hartog 2d No. 63777 (his dam a 30-lb. cow). The average of the two nearest dams of these calves are respectively 31.34 and 26.93 lbs. of butter. Address.

John A. Miller or **Calvin Tobias**

NAZARETH, PA. R.F.D. No. 3, NAZARETH, PA.

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED—The best bull that $400.00 or $500.00 will buy. We want nothing but a good individual, no sloping rump. We prefer one ready for service by Dec. 1, 1914. Send in your pedigree.

C. P. & C. H. NICHOLS,
Mantua, Ohio.

WANTED—The best, sound, straight, highest A. R. O. bred Holstein-Friesian bull from three to six months old that $300 will buy F. O. B. Wheaton. Send Photo, pedigree, age and full particulars in first letter.

F. J. STEIDL, Wheaton, Minn.

WANTED

Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have Could also use 20 registered heifers.

C. E. GESCHWIND,
1452 Elm St., Youngstotwn O.

WANTED

Young Holstein bull, A. R. O. backing, good individual, light in color and serviceable age preferred. Also a few heifers or heifer calves.

Send breeding and price in first letter.

A.C. Kiekhaefer Thiensville, Wis

WANTED

Single man on Dairy Farm, one who is competent to improve and establish first-class herd.

Dr. C. G. Myers
TROY, N. Y.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL
Stewartsville, Warren Co., N. J.

Bond Century Farm
Canastota, N. Y.

Grandsons of King of the Pontiacs from A. R. O. dams for sale. Address **W. E. Bond, Potsdam, N. Y.,** or call at the farm.

W. A. HOTCHKISS, Mgr.

RIVERSIDE STOCK FARM

offers an H.-F. bull born March 25, 1913. Sire, King Hengerveld Segis whose two nearest dams average 30.47 lbs. Dam, Lily Grace Cornucopia, 29.-06 lbs. butter in seven days.

Write for pedigree and price.

A. W. BROWN & SONS.
West Winfield, New York.

THE STANLEY ENGRAVING CO.

Photo-Engravers, Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed. **Library Bldg., Tioga St., Ithaca, N. Y.**

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

BULL READY FOR SERVICE—PRICE $500.

Bull half brother to Lockhart Lilith. Her dam and the dam of Lockhart De Kol are the only two full sisters that have each produced a thirty-lb. three-year-old. Write for particulars.

LOCKHART HOLSTEIN FARM,
Eugene La Munion, Solsville, New York.

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.6b.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Hartog. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON OTSELIC, N. Y.

SIR FAIRVIEW MANOR KORNDYKE

is a son of **PONTIAC KORNDYKE** and Fairview Manor Korndyke (27.82 lbs. at 3 years), who was also by Pontiac Korndyke, and from a 24-lb. dam.

We can now offer bull calves by this sire from A. R. O. dams.

R. C. WILSON & SON,
St. Lawrence Valley Farms, Constable, New York.

NORWICH STOCK FARM

Send your orders where you can get WORLD'S RECORD QUALITY —either male or female—at reasonable prices.

Just one BULL CALF left that is a cousin of the 44.15-lb. Cow.

A brother of her heads my herd.

R. C. WELLS, NORWICH, N. Y

MARBLE VALLEY STOCK FARM

Sires in Service.

Fairview Korndyke Lad a son of **Pontiac Korndyke** and **Pontiac Pet**; butter 37.68, milk 590.70, per cent fat 5.10.

Inka Princess Mutual De Kol Son a son of **Pontiac Paul** and **Inka Princess Mutual De Kol,** butter 33.25, milk 711.90; 30 days, butter 128.73, milk 3145.3.

We offer bull calves by the above sires from A. R. O. dams, calves are from one to three months old. For price and pedigree write.

J. H. MEAD & SON West Rutland, Vt.

KING SEGIS PONTIAC POLKADOT, 7534

A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,-000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

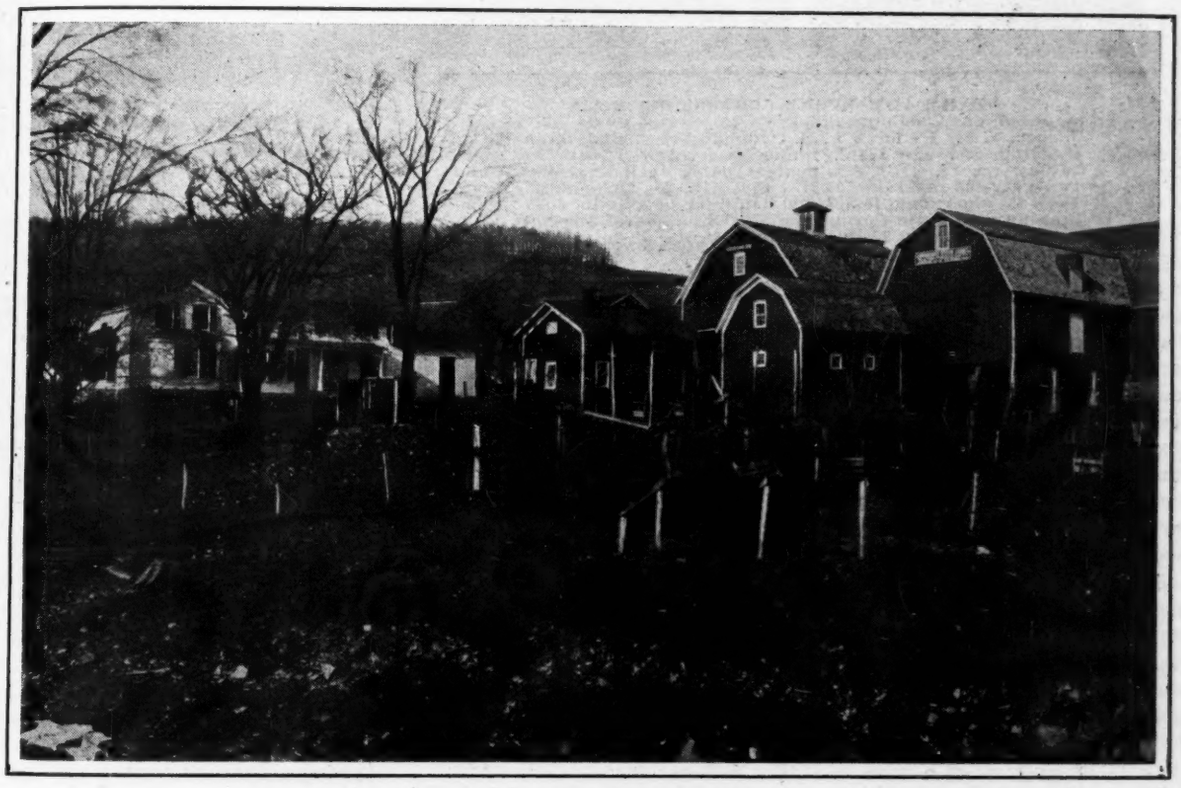
F. J. Bristol & Sons Co. Oakfield, Wis.

Holstein-Friesian World

VOL. XI. MADISON, WISCONSIN, APRIL 7, 1914. NO. 14.

In the Land of Big Red Barns

By Elmer E. Reynolds
Editor of Rural Life, Rochester, N. Y.



Farm Buildings, Woodbury Stock Farm. Owned by R. W. Dennis, Jasper, N. Y.

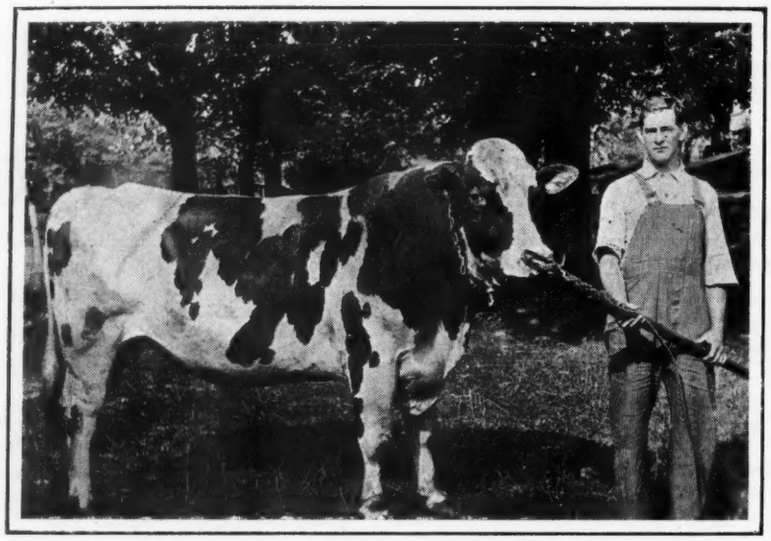
There is no better grass and dairy section in America than the Southern New York highlands, and in favored localities dairying has attained a high degree of development. One of these progressive dairy districts is the hilly plateau comprising the southwestern towns of Steuben county. This is a well watered region, with springs or small streams on every farm. The soil is strong and productive, and the pastures are comparatively free from weeds and yield abundantly of rich grasses in normal seasons.

This highland country is a land of big red barns, the large barns being necessary to house the stock and hold the bulky hay and grain crops. No section of country has made greater progress in farming methods during the last fifteen years. The country is dotted over with cheese factories and creameries and the milk shipping stations are reaching farther and farther into the hills for their supply.

It is a Holstein-Friesian district. Years ago the progressive dairymen saw that these cattle were the money makers for the southern Steuben farms, and now nearly every farm has its herd of Blacks and Whites. This specializing in cattle breeding has won for the section a good reputation for its fine Holstein-Friesian stock, and has enabled the farmers to sell their surplus stock at higher prices than they could hope to receive if their herds were indiscriminate mixtures of all breeds and breed types. Buyers from Eastern New York, Pennsylvania and New Jersey come here for Holstein-Friesian cow stock to replenish the herds of those dairy districts.

In Jasper, one of the best farming towns in the state, there are several pure-bred Holstein-Friesian herds of excellent quality. In this town, five and one-half miles from Greenwood, a railway station, is the Woodbury Stock Farm, a fine old homestead with a high-quality herd. This farm is owned by R. W. Dennis, a successful young dairyman who is making a high record as a breeder of the Blacks and Whites.

The residence on the Woodbury farm was one of the first houses erected in that part of the county. It



STAR FARM LYONS CORNUCOPIA 61928
At the head of Woodbury Stock Farm, owned by R. W. Dennis, Jasper, N. Y. He has 7 A. R. O. daughters, including one 18-lb. yearling and one 21-lb. junior two-year-old with an 88-lb. 30-day record. His six nearest dams including one junior two-year-old average 28.51. Sire—Lyons Hengerveld Count De Kol, whose dam is a 34-lb. daughter of a 34-lb. cow. Dam-Star Farm Aaggie Cornucopia was by a son of the first 34-lb. cow and from a 23-lb. daughter of the 29-lb. cow, A. & G. Inka McKinley.

is a roomy old farm house, modernized with running water, bath, and other present day improvements. The barns are large and convenient. The cow stable is 100x36 feet, with a 30x46 feet straw barn and shed annex, a horse stable 40x60 feet, and a 20x30 feet garage, providing ample accommodations for the stock and farm equipment. The stable has a cement floor, and is warm, well lighted and well ventilated. Clean surroundings, plenty to eat and the pure air of the highlands make an ideal life for the cow anl calf. Mr. Dennis has never known of a case of tuberculosis on the farm. The milking is done with a Stephens milker, with a capacity of six cows at a time.

The head of the Woodbury Farm herd is Star Farm Lyons Cornucopia 61928, a grandson of a cow with a record of 34.71 pounds butter in seven days. A young herd sire, Beauty Walker Pietertje Palmyra 113855, son of the cow that topped the consignment sale in June, last year, by selling for $3,000 has recently been purchased by Mr. Dennis. In the herd are a number of high producing cows one of which is Gover's De Kol 89668, with a seven-day record of 24.16 pounds butter.

Mr. Dennis has adopted a system of feeding which brings results at the milk pail and in the development of good stock. He feeds alfalfa hay, ensilage, some fine and coarse hay not fit for market, also grains produced on the farm, consisting of buckwheat, oats, barley, wheat and corn, with commercial feeds to make a balanced ration for each individual animal. The following are his rations for cows in milk:

160 pounds Biles or distiller's grain
200 pounds bran
150 pounds oats or barley ground
100 pounds oil meal.
100 pounds gluten, hominy or ground buckwheat.
100 pounds cottonseed meal.

This mixture is fed at the rate of one pound of feed to three or four pounds of milk.

The calves are fed cracked corn alone or cracked corn and oats with a little oil meal.

The fattening ration for dry cows and two-year-olds coming in milk is as follows:

200 pounds bran
150 pounds groats
100 pounds oil meal
100 pounds hominy or ground buckwheat.

In reply to our question, "what is your opinion of the prospects for the dairy industry in New York state," Mr. Dennis answered:

"I would say that the prospects never looked better than now, as very high prices are being offered for cows for shipping, and judging from the scarcity of good cows they will be worth more money in the future than now. We have faced a winter with high prices for feed, but dairy products have advanced to meet it. In this part of the state farmers have been feeding since the first of August.

Mr. Dennis gives his reasons for breeding Holstein-Friesions as follows:

"1. They are the best and hardiest general purpose cows.

"2. They are the most uniformly bred for milk production.

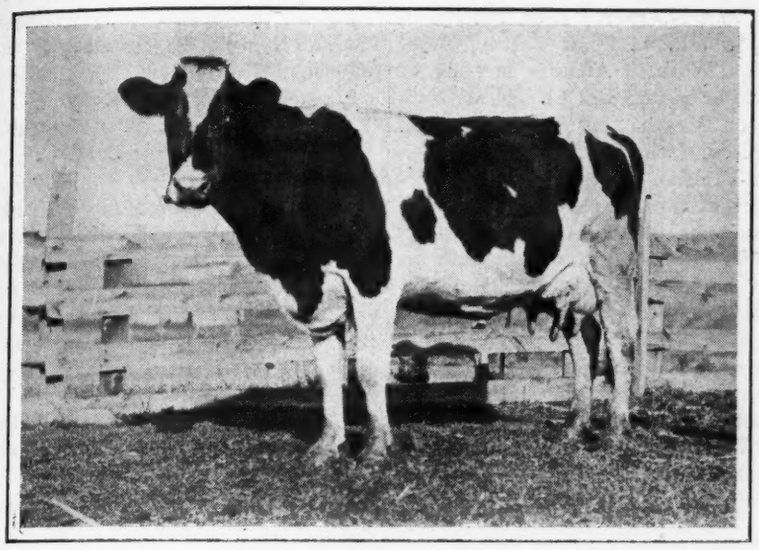
"3. Their calves are all born strong and ready to thrive on good care and feeding.

"4. They will convert into milk more rough fodder produced on the farm than other breeds.

"5. Their disposition is quiet and contented. Last but not least they are always in good demand at good prices. Having a good herd of Holstein-Friesians is practically the same as having a good healthy account in a good, substantial bank."

In his modern farm home, with large neatly painted barns, surrounded by wide acres of fertile soil and possessing a fine herd of well bred cows, the owner of Woodbury Stock Farm is practically demonstrating that there is a future for the progressive business farmer even on hill farms. He has all the comforts of

Part of the Herd on Woodbury Stock Farm. Owned by R. W. Dennis, Jasper, N. Y.



GOVER'S DE KOL 89668
One of the good producers at Woodbury Stock Farm. She has a 7-day butter record of 24.16.

the city home with the pleasures of farm life. The rural free delivery route passes his door; a Bell telephone places him in direct communication with everywhere. A five-passenger auto reduces the distance to the railway station to only a few minutes' travel and makes easy and short the ride to the near-by villages and cities.

Young men have gone out from these southern Steuben hills to find a country better adapted to dairy farming, but have invariably met with disappointment. While dairying produces fewer instances of sensational returns than the Western New York fruit belt, in this region of abundant pasturage, hay and grain, it is a safe, sure, permanent industry offering alluring possibilities for success to the industrious business farmer and skillful breeder and feeder.

A GREAT LONG-DISTANCE COW

[Below is an extract from a letter from Mr. Alexander Watt of Novelty, Ohio, who tested and owns Lothian Maggie De Kol 90209, the champion milk producer of the state and the challenger for the long-distance record for the world.

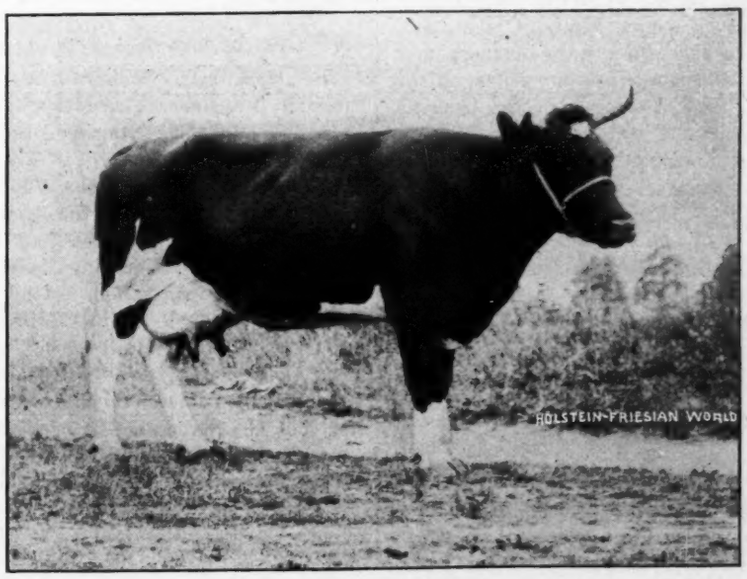
This cow in fifteen months has produced 33,021 lbs. of milk, indicating 1,491.382 lbs. of butter, and is still in test, and is due to freshen again inside of four months. The letter speaks for itself. The records referred to will be found on page 158, 1914 series of the H.-F. World. Mr. Watt assures us that he has better ones coming on.]

Novelty, O., March 25, 1914.

The Holstein-Friesian World:

"Please accept my thanks for congratulations on the record of Lothian Maggie De Kol. Although she did not break the World's Record for 365 days I doubt if any cow has ever equaled her record for long time. She is now in her 16th month continual milking and still making 45 lbs. of milk a day and due to freshen in 120 days. I intend to give her 8 weeks rest. She had only six weeks' rest a year ago. I started her first test work two years past last December and she was in official test several times two years ago, winning 6th prize in eight month division, making 20,300 lbs. of milk in 10½ months. Six weeks later she started her great year's work and was only milked 3 times a day for six months with no extra care as I did the milking and feeding of six cows in test and took care of the rest of my herd and did the farm work, taking care of 30 acres of hay and pitching it all on the load and off by hand, so you see I had not the time to give the care my cows ought to have had. They were all normal records, never having a cow fevered or off feed, furthermore, I don't believe in fevering cows for short records, but I do believe in giving my cows all they want to eat all the time without stinting and in right proportions. I have a thorough knowledge of feeding, I don't worry about cows getting off feed. That never bothers me. I watch my cows and know when they are having enough and they are always ready for their feed.

Lothian Maggie De Kol was lame all the time she was in test which was a great handicap on her record but she has recovered since I finished her year's work and if nothing unforseen happens I intend to give her a better chance at next freshening and run her another year and try for higher records as I am confident she can do better. She is in the pink of health and all the better for her year's work. She has produced in 15 months 33,021.9 lbs. of milk containing 1,491.382 lbs. butter, 80 per cent fat and is still in test. In 25½ months' production she gave 53,321.9 lbs. of milk. If I had made her first year semi-official she would easily have been the long-distance cow of the world. I think she will accomplish this yet. She is a very persistent milker as is the whole family, and I expect to bring out some more



LOTHIAN MAGGIE DE KOL 96209
In 15 months—33,021 lbs. milk and 1,491 lbs. butter. Still in test.
Owned by Alexander Watt, Novelty, Ohio.

good ones. I have got a heifer, 1 yr. 11 mo. 4 da. that started her first week in her yearly test with 379.5 lbs. of mlik and over 13 lbs. of fat. She is now running over 60 lbs. of milk a day. Her dam and full sister are finishing their year's work, and I will send cuts of them as soon as their year is up. I have started two senior three-year-olds on year's work, and they are doing well each making over 18 lbs. of fat in 7 days, one making 73.468 lbs. fat in 30 days and 2,104.8 lbs. of milk, the other, 72.458 lbs fat in 30 days, 1952.3 lbs. of milk. I will send you an account later on the work of the other cows with a cut of each of them.

"As you have the Advanced Registry reports it is not necessary to repeat the work of Lothian Maggie De Kol. I have given it in full for 15 months to show her staying qualities. She made a 7-day test, a week ago, of 345.9 lbs. milk and 14.510 lbs. of fat. Instead of pulling the flesh off of my cows in test I put it on. My cows all start in with low fats and finish with higher fats. I prefer the large milk record cows and believe in breeding for milk. You will notice Maggie is the largest milk cow for Ohio. I have other younger ones that I believe will beat her record in time."

Club Notes

The annual winter meeting of the Walworth County Holstein-Friesian Breeders' Association was held at Elkhorn, Wis., on March 17th. At the business meeting which was held in the morning the following officers were elected: W. E. Palmer, Elkhorn Pres.; Harry Dunbar, Elkhorn, Vice Pres.; E. B. Watrous, Troy Center, Treas.; John H. Wall, Elkhorn, Secy. It was also voted at the business meeting to adopt the plan of organizing the local Holstein-Friesian Associations in the state into one week circuits, and the schedules for holding their meetings so that they would not conflict. This plan was submitted to the local associations by Sec. Schroeder of the State Holstein-Friesian Association. According to this plan and schedule, the Walworth County Association will henceforth hold its annual winter meeting on March 2nd, and its summer meeting on August eleventh.

* * *

On Thursday, March 19th, a dairyman's meeting was held at Belgium, Wis., under the auspices of the Ozaukee County Holstein-Friesian Breeders' Association. A fair crowd of farmers and breeders was present. Mr. E. Webster, Ft. Atkinson, discussed the value of the pure bred sire, and N. Hubbard of Sheboygan gave a talk on "Cow Testing Association Work." Another meeting of a similar nature will be held at Grafton on March 31st, also under the auspices of the Ozaukee County Holstein-Friesian Association. The secretary of the State Holstein-Friesian Association will address this meeting. It will be the third meeting of this kind held by the Ozaukee Holstein-Friesian breeders since the first of the year. They are doing much to interest the farmers of Ozaukee County in better live stock. Much credit is due Secretary C. F. Dineen of the local Holstein-Friesian Association for the active campaign which this Association is carrying on for better dairy farming and breeding in that community.

* * *

The Cook's Valley Holstein-Friesian Breeders' Association held its annual meeting at Bloomer, Wis., on Wednesday, March 25th. Secretary Schroeder of the State Holstein-Friesian Breeders' Association, Racine, Wis., was present at the meeting and discussed the Holstein-Friesian breed relative to maintaining its standard of excellence. He also explained the plan of organizing the local Holstein-Friesian Associations of the state into circuits with definite schedules for the time of holding their meetings so that the state association might render them greater assistance toward holding successful meetings. The association adopted the plan and the dates designated in it for the holding of its regular annual winter and summer meetings. Hereafter the Associations will accordingly hold its winter meeting on December 17th and its summer meeting on June 4th.

* * *

The Manitowoc County Holstein-Friesian Breeders Association held its second annual meeting at Manitowoc, Wis., on March 14th. Trains brought breeders and interested farmers in from all parts of the county. At noon over one hundred had assembled. The followwing officers were elected: Pres. Adolph Otto, Valders; Vice Pres., P. Cahill, Grimms; Sec. Chas. Hampke, Manitowoc; Tres. John Lorfeld, Cleveland. Speakers were W. C. Schroeder, Elm Grove, president elect Adolph Otto, and Sec. Chas Hampke. Sec. Hampke has worked out a card system of selling cattle which is working out very efficiently in the Manitowoc Association.

* * *

A number of those interested in dairying in Gage county held a meeting in Farm Demonstrator Liebers' office at Beatrice, Neb. recently and organized the Gage County Holstein-Friesian association by electing the following officers:

President—E. W. Dole.

Vice president—O. B. Allington.

Secretary and trueasurer—J. P. Andreas.

Board of directors—A. H. Kidd, William Holm, F. C. Hirmon, David Boesiger, John Bunte and Ross Hill.

The new organization starts out with a membership of 14 paid members, and it is expected that this number will be greatly increased in a short time.

There is now 48 breeders of Holstein-Friesians in Gage Co., while a year ago there were 6. Except for stormy weather it is expected there would have been a much larger number of character members. There are 30 registered bulls in the County and 15 registered cows and heifers. A year ago, the Farm Demonstrator and Mr. Dole and Mr. Holm brought in three carloads of purebreds and the best grades that could be found from Appleton, Wis. And a short time ago 50 more head were obtained at Appleton for Gage Co. farmers.

This is the only organization of its kind in the state, and it is predicted that dairying in Gage county will soon become one of the leading industries among the farmers.

Since last fall Farm Demonstrator Liebers has purchased Holstein-Friesian dairy catttle for the following: A. H. Kidd, Max Ahl, Herman Wiebe, William Andreas, E. W. Dole, W. H. Kilpatrick, F. A. Putnam; Fred Riggert, H. H. Echembeck, F. C. Hirmon, David Boesiger, Bonebright & Bunte, William Pape, J. J. Clare, J. T. Whalen, B. Jackson, Paul Henzel, Fred Hahn, Mrs. Oliver Townsend, H. E. Wibel, R. B. Dunn, John H. Buss, Fred Nichols, C. E. Ottinger, William Holm, H. B. Freshour, Jacob Claassen, William Krebsbach, William Frye, John Reiff, J. C. Martin and Kirk Griggs.

Others have purchased Holstein-Friesians aside from those bought by Mr. Liebers. The purchasers are Henry Pape, Dr. J. Lewis Webb, L. C. Tilton and Ross Hill.

LAKE COUNTY FARMERS' DAIRY MEETING

By S. J. Craig, County Agent Crown Point, Ind.

About one hundred people attended the Dairy Demonstration meeting held March 5th. In the forenoon every one attended the dairy cow demonstration work at the farm of Wm. Newton, about one mile east of Crown

Point. Mr. Newton not only sent a wagon to the city to convey to the farm all who wished to attend but turned his whole dairy herd over to the County Agent and people to use for educational purposes for the day. His only request was to leave the cows on the farm when the meeting was over.

Wm. Forbes from Washington, D. C. gave a very practical talk on the dairy cow and the judging according to the dairy type. One of the best Holstein-Friesian cows was used for this demonstration work.

Eight other Holstein-Friesian cows were brought out and the audience placed the three best cows as they thought they should be placed. Mr. Forbes then placed them and gave his reasons. There were five persons who did not place any of the four best cows. Seven selected the fourth, twenty-one the first, twenty-one the second, and fourteen the third. But only six placed the first cow right, eight the second and eight the third.

Mr. Newton belongs to one of the two "cow testing" associations in this county, and he was in a position to give the people the only true method of judging the dairy cow, the Babcock test and the scales. The cow that was placed fourth was the best cow, but according to the comparative test she would not be entitled to a ribbon in the show ring. The demonstration brought to the minds of everybody that it is not always safe to rely on our judgment to select cows for dairy purposes. We cannot tell by looking at a cow just what her internal working machinery is capable of transforming into useful by-products. The only correct test is the Scales and Babcock test.

To further enlighten the people on this subject a meeting was held in the assembly room of the court house in the afternoon, and was well attended.

Wm. Newton spoke a few words to those who had not yet attended to their dues in the Milk Producers' Association.

W. O. Mills, a practical dairyman from Hendricks county, gave a practical talk on "herd improvement." A successful dairyman had to be wide awake, alert, progressive and up-to-date. Always select the best individuals to retain in the herd and keep at the head of the herd a pure bred sire, of the best possible breeding and individuality. Remembering that the sire is half the herd.

We should have light, clean, well ventilated, sanitary stables to prevent disease, contamination, and to produce high grade milk.

Lake county is on the map as the "Denmark of Indiana," and when Lake county is spoken of the people will think of a Holstein-Friesian county. Glad to hear that you have a Holsietn-Friesian Breeders' Association in the county.

In closing, the selection of a sire might mean success or failure. Test your cows and sell the profit-eating kind.

C. E. Smith, secretary of the Lake County Holstein-Friesian Breeders' Association, was present and informed the audience that the association was making progress. At present there are seventeen members. He is a member of the Northwestern Cow Testing Association of this county, and he gave the results for the past eleven months.

He had twenty-one cows in the test, ten of which were three years old. After taking out the cost of feeding the poorest cow made a profit (net) of $57.44; the best cow made a net profit of $112.00. That is a remarkable record when it is known that none of these cows had been tested before.

In speaking of some of the advantages of the testing association, he said that on one occasion he shipped six cans of milk and the "inspector" reported two of them below standard. Where upon Mr. Smith took the "cow testing association books to the "inspector" and showed him that he had only had one cow that had even given a test as low as three per cent, and that only occurred twice. The rest of the cows were away above the standard at all times. Also the testing had been done by an "official tester."

Jas. W. Garver, who has been closely in touch of the work of this county from the beginning, being from the Dairy Extension Dept. Purdue, said that there had been wonderful development. More than the people of the county realized. These two Testing Associations were the first two in the state. The strength of the work in this state will be what is Lake county doing?

Arthur Nelson, tester of the Northwestern Association spoke of some of the good the members had received and of their intentions of continuing the work. He also mentioned some who did not join last year and wanted to join this year.

Harley Slack, tester of the Leroy Association gave the returns of two cows in the same herd, with same feed, care and attention. The best individual made a profit of about $18.50, and the poorer one a loss of about $25.00. Or in other words the owner paid for the privilege of keeping her.

Mr. Forbes then gave some necessary advice on the cost of production. The lack of attention to the conservation of the manure had a very important part in profits. An additional 25 cents per hundred of milk should be added whenever the manure is left exposed to the weather for a period of six months.

The results were shown where one man in six years' time, by belonging to a local Cow Testing Association had increased his yield of milk from less than five thousand pounds to over seven thousand pounds, the number of cows from seven to 10; increased the butter-fat from 198 pounds to 301.8 pounds; and the profit per cow from $16.45 to $53.00 per cow. Also gave the results from one dairyman in Sweden for ten years, where the pounds of milk increased from 7320 to 11391, in other words, the increase in number of pounds is above the average production of over half the 700,000 dairy cows in Indiana.

Sam Woods gave an invitation to all to join the Holstein Breeders' Association of Lake county. Showed what it meant to belong to an association of this kind.

The Chairman, or County Agent, gave a short review of the days' work and impressed upon the audience the need of co-operation in the future such as had been shown during the day. That the only thing to keep one from being up-to-date in methods and performance in this county now is the man himself. Anything that the County Agent can do in assisting the progressive work and establishing a more successful, profitable, and permanent system of farming will be done.

"The successful breeder must be a man who believes in doing things today, not to-morrow."—G. A. Dimmick.

* * * *

"It does not require much ability to begin a certain task, the real test of character is in our ability to hold on until the finishing blow is struck."—G. A. Dimmick.

* * * *

"I am sure that the man who is not blinded by the glitter of the almighty dollar but who loves his work and seeks success for the sake of succeeding will in the long run reap the richest harvest."—G. A. Dimmick.

* * * *

"I think so much of your paper that I want to keep a complete file."—S. W. Shoemaker, Garfield, Wash.

Living is certainly getting high with radium at $52,164,000 per lb.

* * *

Adam had 'em—troubles of his own.

* * *

The first Prophet sharers—the nineteen wives of Brigham Young.

Studies in Animal Breeding V.

By Prof. Vaughan, Iowa College of Agriculture

Breeding and Acquired Characters

Many persons insist that qualities in the parents which are the result of training or habit, or which have been in some way acquired by one parent, or both, may be, and are transmitted with as much certainty as color, form or height. This idea is especially prevalent among breeders of the trotting horse, many of whom believe that if a stallion is trained and raced and every effort made to develop his speed he will beget faster foals than if his speed were not developed. The same is thought to be true of the mare, and some believe there is an added advantage if the dam is trained and raced while she is carrying foal.

It is not difficult to put faith in such a theory if nothing is known of the anatomy of the sex organs or of the physiology of reproduction, but any one who is well informed on these matters can not accept such a theory. The fact is, it is impossible to see how the reproductive cells of the stallion may be affected by the body cells in such a way as to influence heredity. The reproductive cells have no connection with the cells of the muscles, nerves and other body organs.

The body of the stallion is simply a host for his germ cells, furnishing them nourishment and protection much as the dam nourishes and protects the embryo. So far as the germ cells of the mare (ova) are concerned, they are all present in the ovaries of the mare when she is born; and all that remains for them to accomplish when the mare reaches breeding age is to increase in size and pass out of the ovaries in regular order at the periods of heat. C. J. Hamlin, one of the most noted and successful breeders of trotting horses, was one of the first to break away from the old-time practice of breeding only to developed sires, and the success he achieved afforded a practical demonstration of the fallacy of the theory.

The usual trouble is in commonly thinking of the stallion or mare as producing his or her germ cells. That is, we are apt to think of the germ cells as produced by the body cells. Nothing could be farther from the truth. The body cells and the germ cells are both the product of the fertilized egg from which the animal originated. Very early in the development of the embryo, one cell or group of cells was destined as the forerunner of the testicles, and hence of the spermatozoa, while the remainder grew and divided again and again to form the body. Thus the body does not produce the germ cells and the body cells are both produced independently of each other by the original fertilized egg.

Thus we see that there is a continual stream of germ cell material running along through successive generations of animals. Scientists call this germ cell material the "germ plash." Whenever two animals are mated the important result is that two streams of germ plasm are united to form a new stream which combines some of the parts of each of the contributing streams. If the inheritance is according to Mendel's law we know that half of each stream is contributed to the new germ plasm. Incidentally a new animal grows up out of every new combination of germ plasm.

When considering breeding matters we should think of animals simply as storehouses for their germ plasm, and when we mate two animals we should not think that we are mating the animals themselves, but instead, that we are mating their stores of germ plasm. To the breeder, the body of an animal is simply a sample part of the characters contained in the germ plasm of that animal. If the animal is a good one, we know that these good qualities must also exist in this germ plasm. And knowing Mendel's law we are aware that this same good animal may also have some very undesirable qualities or characters represented in its germ plasm. Hence when this germ palsm is mated with another animal's germ plasm, these bad qualities may be revealed in the bodies of sons and daughters.

If a trotting stallion or mare is trained and raced and shows a high rate of speed it is proof that the germ plasm has speed inherent in it, and that therefore the sons and daughters which arise from this same germ plasm should possess speed also. Training proves what the germ plasm contains, but training does not and can not put anything new into the germ plasm. The untrained sire or dam transmits as much speed as though he or she had been trained. The advantage of training is that it helps to remove doubt as to the animal's ability and, therefore of the ability inherent in the germ plasm of the animal.

Unsoundnesses in horses or other animals are acquired characters and can not be transmitted. If a horse develops spavins after being moderately worked, it is proof that his hocks were weak from birth. It is also proof that weak hocks is an undesirable character represented in his germ plasm. Therefore the germ plasm of his sons and daughters will probably also contain this undesirable character and they may themselves have weak hocks, which will form spavins easily. Diseases themselves are never inherited by offspring, but some weakness of conformation is very often inherited which predisposes the offspring to the same disease which affected the parent. The occurrence of spavins, curbs, ring bones, side bones, tuberculosis, and many ailments in successive generations of animals is explained in this way.

If science does nothing more for the animal breeder than to point out some of the erroneous theories of breeding it will have rendered a great service. Science teaches reliance in the power of selection to modify and improve the types and breeds of live stock, and prevents the expenditure of time and energy in attempting to do the impossible.—*The Ohio Farmer.*

TESTS IN PROGRESS IN ILLINOIS

The following supervisors are conducting Official Tests of Holstein-Friesian cows for the breeders named:

SUPERVISORS AND OWNERS.

J. J. Ausen—Hawthorne Farms Co., Barrington.

G. W. Beardsley—August Stocker, Highland.

Edwin Behling—Hartwood Farms, Barrington.

M. R. Carlson—F. J. Karlen, Winslow.

H. E. Codlin—F. N. Turner, Hebron.

C. G. Cox—T. J. Daughenbaugh, Springfield.

Earl Garver—T. E. Getzelman, Hampshire.

J. C. Howser—Woodlawn Farm Co., Sterling.

Chris Jensen—Frank White & Son, Woodstock.

H. C. Lawson—French Bros., Shipman.

N. H. Oouimette—E. J. Ray, Kewanee.

I. Paley—Geo. E. Van Hagen, Barrington.

Yours very truly,

W. T. CRANDALL,

In Charge of Official Tests.

TESTS IN PROGRESS IN WISCONSIN

The following is a list of supervisors engaged in conducting official tests of Holstein-Friesian cows for Wisconsin breeders:

SUPERVISORS AND OWNERS.

E. F. Ahlers—Frank Darrah, Blanchardville.

F. G. Backus—Archie Reid, Jr., Janesville.

S. C. Bathum—J. M. Crump, Lake Mills.

A. F. Block, F. R. Johnston, Hustisford.

J. H. Clark—Rust Bros., West Allis.

Geo. J. Eisenbeiss—F. M. Ames & Son, Brooklyn.

H. L. Ellis—A. L. Williams, Fond du Lac.

Leslie Fisher—F. L. Hilker, Watertown.

Horace Fuller—Pabst Farm, Oconomowoc.

J. F. LeJeune— Imig Bros., Neillsville.

Aug. K. Luebke—Wm. Buddenhagen, Neillsville.

Geo. J. Carthey—M. T. Haseleu, Waterloo.

L. F. Murphy—C. A. Schroeder, West Bend.

W. G. Northey—W. M. Coxe, Whitewater.

Clar. Onsrud—Stephenson Farm, Kenosha.

A. L. Rasche—B. F. Berg, Lake Mills.

W. G. Reynolds—John Ralsma, Arpin.

F. M. Sharp—S. B. Jones & Son, Watertown.

Wm. A. Smith—Adrian G. Harter, Rubicon.

S. L. DeSmidt—Stephenson Farm, Kenosha.

E. J. Stuesser—R. B. Melvin, Glenbeulah.

M. H. Weymouth—Dr. Byron C. Nobles, Milwaukee.

A. C. Wollin—Harvest Farms, Mayville.

ROY T. HARRIS,

In Charge of Dairy Tests.

Man, it is affirmed, is made of dust, and yet dust blinds his eyes; nevertheless the average man wants more "dust". All despise dust and all eventually return to dust. In view of these facts is it slang to ask a man to "get up and dust"?

Field Notes

We hear indirectly that the McPherson Farms Co., Howell, Mich., have a cow in test with 33.65 lbs. to her credit and showing a daily increase.

* * *

Anyone having Vol. 10, 12 or 13 of the Holsein-Friesian Herd Book or Vol. 6 of the Holstein Herd Book for sale, will do well to address the Holstein-Friesian World, Madison, Wis.

* * *

During the period from Jan. 31 to Feb. 9th, 28 Holstein-Friesian cows were admitted to the Advanced Registry from Wisconsin. Eleven Guernsey cows were admitted to the Guernsey Advanced Registry during the month of February.

* * *

Uneeda Korndyke Abigail 119465, owned by John Arfmann, Middletown, N. Y. has made a butter record of a trifle over 33 lbs. in 7 days. She is a daughter of Johanna McKinley Segis and was purchased a year ago from F. J. Bristol & Sons Co., Oakfield, Wis.

* * *

The Guernsey cow, May Rilma, has only just finished the eleventh month of her test and the report for the month has not yet reached us. It will be reported in a latter issue. Her production at the end of the tenth month was 896 lbs. fat.

* * *

We are in receipt at this office of a phamphlet from Friesland, describing the agriculture of that province. It is finely illustrated and interesting. It states that about four-fifths of Friesland is permanently in grass, the population is 364,416 inhabitants and there are 306,574 head of cattle and the average yield of milk per cow is 4000 Kilogrammes (about 8,800 lbs.) In the Friesian Cattle Herdbook are registered 55,677 black and white breeding animals and 1,520 red and white breeding animals.

* * *

The Government recently secured judgments against a number of concerns for violation of the Insecticide Act. The fines imposed varied from $5 to $50 and were for misbranding or adulteration. Following are the articles found to be misbranded or adulterated: Persian Insect Powder; White Tar Moth Balls; Rat Bis-Ket Paste; Odells Roach Powder; Conkey's Lice Liquid; Conkey's Bug and Moth Killer; Dr. Hess Dip and Disinfectant; Orchard Brand Atomic Sulphur Fungicide; Orchard Brand Arsenate Zinc; Bordeau Arsenate of Lead Mixture; Bordeaux Mixture; Kerosene Oil Emulsion; Lime Sulphur and Salt, or Horicum; Lead Arsenate; Formaldehide; Sherwin-Williams Dry Powdered Arsenate of Lead and French Bordeaux Mixture.

* * *

Mr. F. B. Fries of C. C. Fries & Son, Richland Center, Wis., passed through Madison on Tuesday of this week with seven head of cattle purchased in Livingston County, Michigan. Among them were two daughters of Korndyke Pontiac Butter King, who carries 93¾ per cent the same blood as King of the Pontiacs, and from daughters of Pledge De Kol Butter Boy, one of the best sons of De Kol 2d Butter Boy 3d. Also the 23.44 lb. cow Carrie Pet DeKol Calamity. The rest of the consignment were of equal quality and capable of splendid records.

* * *

The next annual meeting of the Holstein-Friesian Association of America will be held in Chicago on June 3rd. This is the first time in the history of the organization, that it's business sessions have been held away from the east. Breeders will bend every effort to make this one of the largest meetings ever held. Wisconsin's delegation will be headed by W. J. Gillett of Rosendale, and Chris. Schroeder of Racine, president and secretary respectively of the state Holstein-Friesian Association.

* * *

Cheesemakers buying milk from Wisconsin breeders of Holstein cattle may before long be asked to make tests, not only to determine the butter fat content of the milk, but as well, the amount of casein which it contains. At the annual meeting of the Wisconsin Holstein-Friesian Association recently held in Waukesha, a committee consisting of R. J. Schaefer of Appleton, John G. Voss of Elkhorn and John Hetts of Fort Atkinson, was appointed to consider the advantages and disadvantages of having milk produced by Holstein cows tested both for its butter and cheese producing qualities.

* * *

The Second National Conference on Marketing and Farm Credits is to be held in Chicago, April 14, 15, 16 and 17, in joint session with the Western Economic Society. The Fletcher Rural Credits plan which would establish a central bank, controlling approximately $6,000,000,000 in loans annually, will be one of the principal subjects of discussion at this conference.

The only weekly Holstein-Friesian Journal.

Entered at the Madison, (Wis.) Post-office as second class mail matter.

Issued on alternate Saturdays from Madison, Wis. and Lacona, N. Y.

HOLSTEIN-FRIESIAN WORLD CO., Publishers.

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EASTERN EDITION—Editors: E. M. Hastings and M. S. Prescott, Lacona, New York.

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When a subscriber wishes his subscription discontinued, he should notify his nearest office.

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.

On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.

Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—

Full page (30 inches) for one year, 52 issues, $650.00

Half page (15 inches) for one year 52 issues, $350.00.

Editorials

The Holstein-Friesian World

To remove some more or less general misconceptions, we wish to state that the Holstein-Friesian World Company regard the Eastern and Western editions of the World as constituting one paper—the weekly Holstein-Friesian World. Messrs. Hastings & Prescott did not purchase the Eastern edition, as seems to be the general impression. They did purchase an undivided half-interest in the paper, and, as a convenient division of labor, are exercising editorial control over the Eastern edition, while the Western edition is being edited by Ira S. Brown, junior editor and C. G. Brown, senior editor.

The senior editor has not moved to Lacona, N. Y., nor to Madison, Wis. but may still be addressed at Ithaca, N. Y., on any matters pertaining to the paper. Matter designed for publication in the Western edition should be sent to Madison, Wis., or to Ithaca, N. Y. Subscriptions may be sent to any office of the paper, as the subscriber may ellect., and will receive prompt attention in any case.

Ira S. Brown, resident editor of the Western edition is an equal member in the Holstein-Friesian World Company.

We trust this statement will correct some of the errors entertained, regarding ownership of the World, residence of writer, etc.—C. G. B.

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Breeder's Cons'g Sale Syracuse, Mch. 25 & 26.

The seventeenth public sale of the New York State Breeders' Consignment Sale Co., was held at the sale pavilion at Liverpool, N. Y., March 25 & 26, 1014. This was the banner sale of the series, 177 head bringing $88,910, an average of $502 per head. (We believe there were two or three animals sold which we did not get listed, bringing the total up to $90,335 but the average of $502 per head remains the same as the official statement.)

Twenty-three head brought $1,000 or more each, the top figure being reached on the four-year-old son of King Segis Beets and the 40-lb. cow Johanna De Kol Van Beers, consigned by John Arfmann of Middletown, N. Y. This bull was purchased by Houslett & McNutt, two young breeders of Oxford, Wis., at $4,150.

There were 69 different purchasers at this sale, some of the heaviest, being: G. B. Roice, Wellington, O., 23; Frank Sutliff, Cleveland, Ohio, 10; C. S. Fairchilds, Cazenovia, N. Y., 11; Leon More, Lacona, N. Y., 7; Olivar Cabanna, Buffalo, N. N., 5; E. V. Babcock, Pittsburgh, Pa., 5; Martin Bros., Middletown, N. Y., 5; C. R. Moore, Garland, Pa., 5; Morgan Bros., Chesterton, Ind., 8; A. G. Danks, Allamunchy, N. J., 4; M. B. C. Orphanage & Home, Center Valley, Pa., 4; Adolph Gobel, Brooklyn, N. Y., 4; W. W. Chapin, Rochester, N. Y., 4. The others took from one to three head.

An itemized report will be found elsewhere in this number, the sales being given by consignments, with totals and averages. The name of each animal, approximate age, name of purchaser, residence, and price paid, are given.

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Lee's Sale March 27th.

Roscoe Lee's annual Spring sale occurred at his farm in Cazenovia, March 27th, 1914. Sixty-eight head passed through the ring.

Though this sale was staged a little too early in the season for best results, the roads being in very bad condition, the average prices must have been quite satisfactory. This we are unable to give as we were conpelled to leave the ringside in order to catch our train some little time before the sale was completed.

Notwithstanding the under foot conditions, a goodly number were present, several buyers having been attracted from other states. We noted G. B. Roice of Wellington, Ohio, F. P. Sutliff, of Cleveland, Ohio, and Frank Reed Sanders of Mesa, Arizona, among the heaviest purchasers. D. D. Decker and W. L. Straight of South Dayton, N. Y., and C. S. Fairchilds of Cazenovia, N. Y., were other large purchasers.

C. S. Fairchilds paid $1400 for Lady Mechthilde Hengerveld De Kol 2d, a two-year-old daughter of King Pontiac Segis Clothilde and the 23-lb. two-year-old Lady Mechthilde Hengerveld De Kol, a daughter of Judge Hengerveld De Kol. This topped the sale. Mr. Fairchilds also paid $525 for a yearling daughter of King Segis Pontiac Polkadot by Uneeda Korndyke Adelaide (24.44 at four years). E. H. Powell of Plymouth, N. Y., paid $425 for Queen Burke Netherland, a two-year-old daughter of Woodworth Parthenea De Kol Burke; and Frank Reed Sanders paid $405 for Ida May Netherland Korndyke, a two-year-old daughter of Sir Woodcrest Korndyke Kate De Kol and Coboca Netherland De Kol (18.27).

E. M. Hastings presided at the sale, Kelley & Haeger furnished the oratory and Roscoe furnished the lunch.

Mr. Lee is to be congratulated on getting together such a fine collection of individuals, backed by breeding and records. Such offerings are bound to make his sales justly famous

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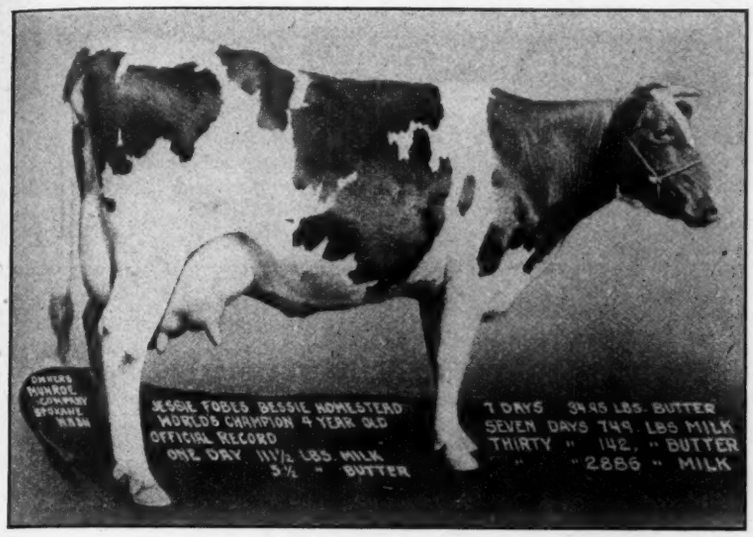
City Kid—"Say, Hiram, do cows out in the country wear clothes?"

Country Kid—"Naw! yer foolish, hain't yuh?"

City Kid—"Well, they strip 'em when they milk 'em, don't they?"

The Holstein-Friesian Cow



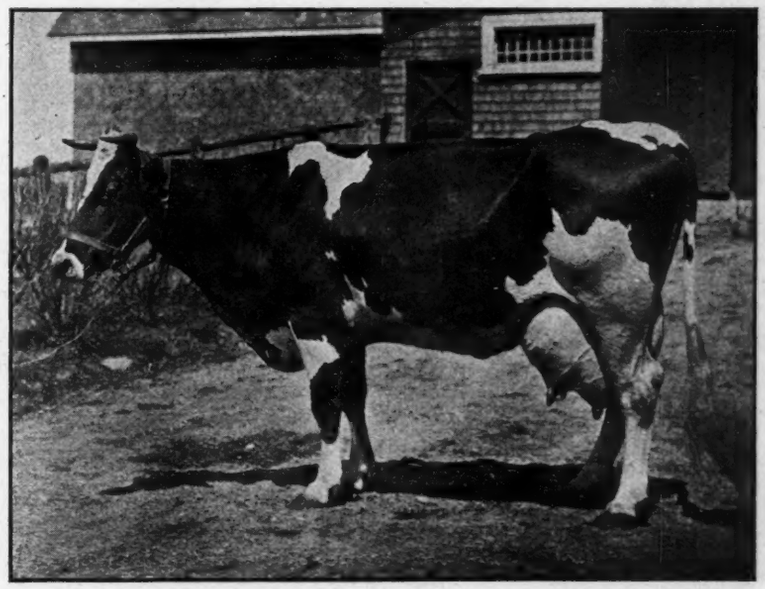
JESSIE FOBES BESSIE HOMESTEAD 100742.
World champion, junior four-year-old in 30-day division. 111½ lbs. milk, 5½ lbs. butter in 1 day. 749 lbs. milk, 34.95 lbs. butter in 7 days; 2886 lbs. milk, 142 lbs. butter in 30 days. Owned by Monroe Company, Spokane, Wash.

[This article by M. B. Dean from the Rural New-Yorker is valuable, coming as it does from disinterested sources. It is a faithful portrayal of the popular standing of the Black and Whites.—EDITOR.]

The "best cow" belongs to so many different breeds that it would be a bold man or a strong partisan who would venture to assign her to any one of them. It would be equally difficult to say which breed furnishes the most comely specimens of bovine beauty, for personal predictions enter largely into the estimates of comparative values, and tastes differ in the matter of looks. I think that it is safe to say, however, that up to at least compartaively recent times in this country, the mention of purebred cattle would have brought to most the vision of graceful Jerseys or sturdy Short-horns. To many, it would do so yet, but another breed is now competing for popular favor, and in many places the dairy landscape is being done over in the black and white of the Holstein-Friesian cow.

Away back in the mists of antiquity the ancient Friesians and North Hollanders occupying that portion of the Netherlands bordering upon the North Sea were keeping cattle, and the lineal descendants of those cattle are still bred by the Hollanders of to-day. They are not now confined to Holland however, but are spread over the civilized world, carrying with them the name and fame of their Dutch ancestry. Though the rich, low pastures of Holland are limited in area, and their cattle comparatively few in number, that country has long been a heavy exporter of butter and cheese, showing that in the skilled hands of the Dutch their cattle have been brought to a high state of productivity. Not only has the yield of the Holsteins, as they are popularly called, been greatly increased through these long centuries of breeding, but their type has been thoroughly fixed so that wherever they go they carry with them their own dominant characteristics and impress them upon other cattle with which they mix.

Conditions upon American dairy farms have changed radically within a few years, and farm butter making has taken a subordinate place in dairy industry. The great cities of the Eastern States are calling for more whole milk, and the sources of their supply are being continually extended. This movement places an increasing number of farmers each year in the market milk zones. With the decline of home butter-making and the extension of the market for whole milk, it is but natural that there should be an increasing demand for heavy producing cows and that compartively little attention should be paid to the percentage of butter fat in the milk, so long as this does not fall below reasonable requirements. No one would claim for the Holstein-Friesians that their milk excels in richness, but, on the other hand, no one can deny that, as a breed, they have no equals in the production of large amounts of milk of medium grade, so far as butter fat is concerned. It is by virtue of this ability to produce a great quantity of milk in a given time that the Holstein-Friesians have acquired all records, even to that of butter production. It is the contention of Holstein-Friesian breeders that by reason of this smaller amount of butter fat and its existence in a finer state of subdivision, more intimately mixed with the fluids, Holstein-Friesian milk is superior to richer milk as a human food, particularly for babies and young children. There is doubtless something in this contention, and it



CREAMELLE VALE
World's champion milk producer. Butter 1 year 1,155.85 lbs.; milk 29,591.40. Owned by the F. F. Field Holstein Holstein Company, Brockton, Mass.

VALDESSA SCOTT 2ND.

The first cow to exceed the 40-lb. mark. Butter 7 days 41.88; milk 694.60; per cent fat 4.82; 30-day record, butter 164.24; milk 2,933.90, average per cent fat 4.51. Owned by Bernhard Meyer, Finderne, N. J.

has even been found that some individuals of breeds noted for their high production of butter fat produce milk too rich for their own young. When it comes to separating the butter fat from the milk, in the shape of cream, and breaking up these globules in the churn, it must be admitted that some other breeds have compensating advantages, however. Nature is sometimes lavish in her generosity, but she seldom bestows all her favors upon one child.

As has been said in another connection, farmers have a business sense which quickly leads them to produce the grade of product for which they can obtain the largest margin of profit. If one breed of cattle will excel another in the production of a marketable commodity, without an offsetting increase in the cost of production, that breed will gradually, but surely, supplant the other in those districts where that commodity is the chief source of income. This is not equivalent to saying that Holstein-Friesians are superior to all other breeds, for in some points others excel them, and for some dairymen these other points may be of paramount importance. It does account, however, for the fact in the great milk shipping districts of our country the black and white cattle, with their huge frames, their immense udders, and their unrivalled capacity for turning great quantities of roughage into milk, are displacing smaller breeds upon large dairy farms and compelling them to find their places upon those farms where special conditions give them the advantage which their peculiar merits warrant.

The one great feature in which the Holstein-Friesians excel is as has already been said, the production of milk. This capacity for production in some individuals of that breed has been phenomenal, and would, indeed, be almost unbelievable were it not for undisputed official tests. Over 100 pounds of milk per day, for a hundred days in succession, were given by one Holstein-Friesian cow tested by the Massachusetts Experiment Station; three cows made over 40 pounds of butter in one week. These enormous yields are interesting as showing the possibilities of production, but they bear little relation to the results obtained in the average dairy under ordinary conditions. Good Holstein cows, properly fed and cared for, should each give from 40 to 50 pounds of milk per day, or from 8,000 to 10,000 pounds in their milking year, and this milk should contain close to 3.5 per cent of butter fat. Where butter is made the skim milk is a valuable asset, and in the production of this, Holstein-Friesians again excel, of course. Mature Holstein-Friesians weigh from 1,000 to 1,500 pounds each, and it is not reasonable to expect that they can be fed, and their milk flow sustained, on the same rations that would support a Jersey or other cow of smaller type. With the dairymen, however, it is not a question of how much a cow eats, but of how economically she converts her food into milk. No one questions the ability of Holstein-Friesians to do this to advantage, and so, with a good individual, the more she eats the better. Dainty cows are seldom large producers; but the Holstein-Friesians are not dainty; 30 to 40 pounds of siage, 10 to 15 pounds of hay, and 8 to 12 pounds of grain are easily consumed by the average Holstein-Friesians in full flow of milk, in one day.

A breeder of Jerseys once said that his only objection to them was the difficulty he had in keeping the cat from catching the young calves. No such objection could hold against the Holstein-Friesians; their calves are large, big of bone, and usually thrifty. They are easily reared, and with reasonable care, may be kept growing

JOHANNA DE KOL VAN BEERS 75131

A daughter of Sir Johanna De Kol and Netta Netherland Van Beers. Butter, 40.10 in 7 days, 155.50 in 30 days, 228.11 in 60 days, 416.71 in 90 days and 460.17 in 100 days. Last three world records when made. Bred by C. A. Schroeder, West Bend, Wis. Sold by James M. Anderson in the 1913 sale to R. E. Haeger, Algonquin, Ill. and T. E. Getzelman, Hampshire, Ill., for $7,000. She has recently given birth to a fine bull calf, sired by King Segis Pontiac.

without a break up to maturity. They thrive on skim-milk and quickly become able to eat and make good use of grain and roughage. Their large size makes them valuable for veal; a consideration not to be despised nowadays. It would be folly to disparage the other well-known and valuable dairy breeds in an attempt to magnify the Holstein-Friesians. All these breeds have their advantages and their place in farm economy. The writer confesses to an almost overwhelming desire to put a beautiful Kerry cow that he recently saw at a State fair into his pocket, and to carry her home with him. A wise farmer will study the different breeds to learn what particular advantages each can offer, and then, with a knowledge of his own conditions, and the requirements of his market, he will choose the one that seems likely to be most valuable upon his own farm. In doing this he should carefully consider the advantages of community breeding, however, and he may well sometimes give up some of his own preferences for the sake of joining his neighbors in the general choice. Where a community is substantially united upon one breed, it is possible to co-operate in securing males of improved breeding and thus vastly improve the herds of all, without excessive cost to anyone. Such communities also attract buyers of the breed generally kept, and thus enhance prices and opportunities to profitably dispose of surplus stock.

—M. B. DEAN.

ANOTHER WORLD'S RECORD

Delavan, Wis., March 28, 1914.

To all interested:—

I am pleased to be able to report that the Holstein-Friesian cow Queen Piebe Mercedes No. 154610 has broken the record for fat production in the senior two-year class of both the 7-day and 30-day divisions, by producing in seven consecutive days 23.868 lbs. fat from 526.5 lbs. milk, and in thirty consecutive days 93.388 lbs. fat from 2,293.2 lbs. milk. She freshened at the age of 2 years, 10 months, 17 days. Her sire is Sir Pietertje Ormsby Mercedes No. 44931; her dam is Queen Piebe of Fairview No. 71624. She was bred by Mr. E. C. Schroeder, Moorhead, Minn. and is now owned by him. In both the 7-day and 30-day divisions she displaces Lockhart De Kol No. 101544, whose record for seven days is 23.418 lbs. fat from 566.9 lbs. milk, and for thirty days is 93.226 lbs. fat from 2,415.9 lbs milk.

Malcolm H. Gardner,
Supt. A. R.

REPORT OF THE BREEDERS' CONSIGNMENT SALE

Syracuse, N. Y., May 25-26, 1914

Consigned by A. A. Cortelyou, Somerville, N. J.

Daisy Cornucopia Wayne, 5 y., G. B. Roice, Wellington, Ohio	$ 235
Netherland Clothilde Padonia D. K., 8 y., H. M. Knox, Canton, N. Y.	235
Johanna Texal Rue, 1 y., Leon More, Lacona, N. Y.	200
Daisy Johanna Lad, 5 y., Stevens Bros. Co., Liverpool, N. Y.	250
Princess Friesland Fayne, 1 y., F. P. Sutliff, Cleveland, O.	180
Princess Johanna Barnum, H. C., Brice B. Philips, Huntsville, N. J.	235
Friend Mechthilde, 9 y., W. C. Warning, Jamesville, N. Y.	185
Alma Posch, 4 y., Olivar Cabanna, Buffalo, N. Y.	285
Kittie Netherland D. K., 4 y., E. V. Babcock, Pittsburgh, Pa.	290
Aaggie Pietertje Dorinda Queen, 4 y., G. B. Roice	310
Sethi D. K. 2d., H. C. Jabez Smith, Newark Valley, N. Y.	200
Bakkerdje Soldene D. K., 3 y., J. B. Roice	250
Hengerveld Duchess D. K. 2d, 1 y., C. H. Fisk, Syracuse, N. Y.	185
Mercedes Cornucopia Daisy, J. B. Roice	200
Brookview Friend Edith D. K., 10 y., J. F. Gannon, Stillwater, N. Y.	265
Cedar Lawn Lilith, 7 y., Norman G. Arnold, Venice Center, N. Y.	320
Willawanna Clothilde Lilith D. K., 4 y., A. L. Gobel, Brooklyn, N. Y.	415
Johanna Lyons Rue, 4 y., A. R., Fairbanks, De Witt, N. Y.	310
Discount Aaggie Favorite D. K., 4 y., M. B. C. Orphanage & Home, Center Valley, Pa.	310
Adele D. K. Mechthilde, 5 y., W. W. Chapin, Rochester, N. Y.	390
May Aaggie Mercedes, 7 y., J. Orville Ecker, Fayetteville, N. Y.	245
Marialba Pauline D. K. Vale, 5 y., W. W. Chapin	300
Locust Grove Inka, 6 y., G. B. Roice	250
Jewel Somerset, 1 y., B. Meyer, Finderne, N. J.	160
Dellhurst Pledge D. K., H. C., G. B. Roice	135
Royal Pledge Artis, 1 y., Wm. Smoulton, Newark, N. J.	150
Total for 26 head	$ 6490
Average	$ 250

Consigned by John C, Sharpe, Blairstown, N. J.

Meadow Brook Prilly Blossom, 4 y., C. F. Fairchilds, Cazenovia, N. Y.	$390
Meadow Brook Prilly Netherland, 3 y., Melvin & Godfrey, Baldwinsville, N. Y.	315
Meadow Brook Countess Prilly, 2 y., John J. Simpson, Carbondale, Pa.	320
Meadow Brook Prilly Snowdrop, 1 y., E. P. Sutliff	195
Meadow Brook Josey Voan Harlingen, 8 y., M. B. C. Orphanage & H.	310
Meadow Brook Waldorf Christine, 5 y., J. A. Stanton & Son, New Woodstock, N. Y.	500
Meadow Brook Waldorf Hetje, 5 y., F. P. Sutliff	230
Meadow Brook Fayne Grietje, 2 y., Leon More	315
Meadow Brook Witkop Fayne, 1 y., C. R. Moore, Garland, Pa.	180
Meadow Brook Prilly Neah 2d, 1 y., Geo. R. Simpson, Carbondale, Pa.	195
Meadow Brook Prilly Snowflake 2d, 1 y., A. G. Danks, Allamuchy, N. J.	190
Meadow Brook Snowflake Fayne, 1 y., W. G. Sterling, Frankfort, N. Y.	285
Meadow Brook Waldorf Fayne, 2 y., H. Perkins & Son, Red Creek,	315
Lily D. K. Johanna Pietje, H. C., Frank W. Adams, Chester, Vt.	130
Lady Hillside Pietje, H. C., G. B. Roice	125
Lady Roe Pietje, H. C., G. B. Roice	110
Prespect Lady Pietje, H. C., G. B. Roice	110
Countess Von Holigen Pietje, H. C., G. B. Roice	115
Lady Pietje Aff, H. C., G. B. Roice	115
Lucy Hillside Pietje Affra, H. C., G. B. Roice	115
Meadow Brook Waldorf Neah Fayne, 1 y., J. M. Thayer, Paris Mo.	215
Lady Empress Mechthilde D. K., 5 y., F. P. Sutliff	245
Elnore Belle, 4 y., E. V. Babcock	265
State Falls Dorothy, 2 y., F. P. Sutliff	205
Meadow Brook Wayne Hengerveld, H. C., G. B. Roice	180
Flora Ethelind, 4 y., G. B. Roice	205
Total for 26 head	$ 5875
Average	$ 226

Consigned by Stevens Bros. Co., Liverpool, N. Y.

Brookside Ladoga Burke, 1 y., C. S. Fairchilds	$ 200
King Pontiac Lad, B. C., Frank W. Adams	1200
Cornucopia Mae D. K., 7 y., Elmer Grimes, Alliance, O.	1125
K. P. Friendell, 6 y., John Arfmann, Middletown, N. Y.	1200
Maple Knoll Eylan Korndyke, 3 y., Melvin & Godfrey	1125
Diona Pauline Paul D. K. 3d., 3 y., Dorsey Brothers, W. Brownville, Pa.	400
Pauline Sarcastic Lorea Paul 2d., 2 y., J. J. Simpson	700
Princess Pontiac Parma, 1 y., F. P. Sutliff	300
Queen Pontiac Sadie Vale Concordia, 2 y., A. Gobel	710
Zozo Pontiac Hengerveld, 2 y., John Arfmann	1700
Princess Pontiac D. K. Parma, 1 y., F. P. Sutliff	300
Princess Pontiac Anna, 1 y., C. R. Moore	260
K. P. Jeek, 4 y., W. G. Sterling	1025
Colantha Winana Veeman, 2 y., Martin Bros., Middletown, N. Y.	650
K. P. Mutual Pietertje, 2 y., Olivar Cabanna	1625
Brookside Pioneer Ormsby 2d, 2 y., C. S. Fairchilds	1010
K. P. Mona D. K. Johanna, 1 y., C. R. Moore	1020

NEW ADVERTISEMENTS

Belleview—15 months bull, full brother to 22-lb. cow, $100.
W. L. Keyes—For sale Herd Bull, Sir Pontiac Korndyke 6th. Has 27.31-lb. dam.
Carl Muth Dairy—6 months bull from 18.56-lb. dam. Good breeding.
Emblagaard Dairy—For sale bull, son of 30-lb. dam and Emblagaard Prince.
Dr. C. G. Meyers—For sale or exchange bull calf with large A. R. O. backing.
Wanted—Best Bull $300 will buy. See Want Ad. Column.
Wanted—Young bull of good A. R. O. backing. Also few heifers. See Want Ad. Column.
Wanted—Serviceable bull and heifers. See Want Ad. Column.
Wanted—Single man to establish and improve dairy herd. See Want Ad. Column.
Wanted—The best bull that $400 or $500 will buy. See Want Ad. Column.
Holstein-Friesian Association—"Clean Milk"—Safe Milk Purebred Holstein Cow's Milk.
A. A. Knapp—"What would You Give?"
Eugene La Munion—"Bull ready for service, price 500."
Public Sale—Tri-County Sale, 200 head, May 20-21, Sidney, N. Y.
Public Sale—Haeger's 10th Ann. Sale, April 23-24, Sale Pavilion, Algonquin, Ill.
Public Sale—Dispersion Indiana's Famous Herd, April 13, Indianapolis, Ind.
Public Sale—R. H. Beard's 2d Annual Sale, April 16, Cortland, N. Y.
Public Sale—Madison-Chenango Club Sale, May 7-8, Earlville, N. Y.
Public Sale—Idora Place Dispersion, 90 head, April 27, Youngstown, Ohio.
Public Sale—Jewell Dispersion, 90 head, April 28, Kinsman, O.
Public Sale—180 head, April 14-15, sale pavilion, Liverpool, N. Y. Liverpool Sale & Pedigree Co.
Public Sale—Quality Sale, 200 head, April 14-15, Peoria, Ill.
Public Sale—The 1914 Sale, May 13-14, Syracuse, N. Y., E. M. Hastings, Sale Manager.
Public Sale—Waukesha Co. Club Sale, 75 head, May 4, Waukesha, Wis.
Public Sale—Howell Consignment Sale Co., 100 head, April 22, Howell, Mich.
Dunham Bros.—Entire herd, 60 head, to be sold at Tri-County Sale, May 20-21, Sidney, N. Y.
Auray Farms—A beauty and a bargain $200.
F. C. & K. A. Overton—A son of Sir Segis Korndyke Walker and from 22.31-lb. two-year-old.
Beach & Wirt—"Creamelle Vale Blood for Sale."
H. I. Todd—"Son of a 28-lb. cow."
United Breeders' Assn.—"Hengerveld De Kol—Korndyke Bull," strong A. R. O. backing.
Keystone Farms—Bull calves by 30-lb. bull and from high record dams.
Grahamholm Herd—A son of Aaggie Cornucopia Johanna Lad, Jr.
S. R. Clark—King Pontiac Calypso, service fee $200. 31.78-lb. two-year-old daughter.
Hugh J. Davis—Bull calf. Dam 27.48, Sire 33.16. Son of Pontiac Korndyke.
J. H. Phelps & Son—'At Last—A 36-lb. three-year-old."
Clayton Sisson—Will consign stock to the big sale at Earlville, N. Y., to be held May 7 and 8.
De Witt Drug Co.—De Witt's Cholera Compound, preventive and cure.
Henry Stevens & Son—"A Son of Spring Farm King Pontiac 6th?" See back page.
L. W. Durgan—Grandsons of Pontiac Korndyke out of good A. R. O. dams.
Elys-Elyn Farm—Bull calves with strong A. R. O. backing, $25 to $250.
C. P. Parker—"Segis Johanna Lyons at $350." 5 dams over 31 lbs.
Henry Stevens & Son—"Spring Farm King Pontiac 6th the Best Bred Bull in the World, Why?"

Some people are too nice to be decent.

* * *

More money for cattle and more cattle for money should be a good slogan for the breeder.

K. P. Lilith Lady Clothilde, 5 y., T. E. Getzelman, Hampshire, Ill. 2000
K. P. Lilith Boone, 4 y., Chas. C. Disbrow, Norwalk, Conn. 3200
K. P. Lilith Clothilde, 6 y., T. E. Getzelman 2900
Artis Pontiac Ormsby, 1 y., E. J. Arnold, Moravia, N. Y. 315
K. P. Elinda, 6 y., T. E. Getzelman 930
Rose Korndyke Ormsby D. K., 1 y., Martin Bros. 245
K. S. P. Soldine, 3 y., Leon More 1000
Empress Pontiac Jewel, 1 y., Leon More 430
King Pontiac Beryl Korndyke, B. C., E. L. Pohl, Watertown, N. Y. 1995
K. P. Duchess, 1 y., Elmer Grimes 700
K. P. Brookside, 3 y., R. E. Davis, Mexico, N. Y. 720
Bodora Pontiac Ormsby, B. C., V. Schneible & Sons, Rome, N. Y. 600

Totad for 30 head $30245
Average $ 1008

Consigned by Wing R. Smith, Syracuse, N. Y.

Maple Lane Eraklia Pietje, 2 y., W. O. Wilcox, Phoenix, N. Y. $ 265
Maud Ina Queen 3d, 3 y., E. V. Babcock 335
Duchess Johanna Clothilde Artis, 3 y., Oliva Cabanna 410
Maple Lane Daisy Artis, 1 y., F. P. Sutliff 170
King Hengerveld 14th, 1 y., male G. E. Wetherell, Oriskany, N. Y. 130

Total for 5 head $ 1310
Average $ 262

Consigned by John Arfmann, Middletown, N. Y.

Duchess of Edgehill, 2 y., R. E. Dodge, Washington, Conn. $ 275
Woodcrest Piebe Duchess, 1 y., Martin Bros. 390
Prilly Duchess, 3 y., Patrick Dwyer, Onandaga, N. Y. 185
Alkamar Pledge Calamity D. K., 3 y., R. E. Davis 700
Aaggie Pietertje Pledge, 3 y., E. V. Babcock 545
Pietje Ormsby Nancy, 3 y., R. E. Dodge 575
Fairmount Blanche Lyons, 2 y., C. S. Fairchilds 510
Fineil Jane Paul, 1 y., Martin Bros. 355
Pansy Veeman Hengerveld, 6 y., Stevens Bros. Co. 810
Woodcrest Madge, 1 y., C. S. Fairchilds 500
Pearl Maceo, H. Stevens & Son, Lacona, N. Y. 960
Piebe Ormsby Duchess 2d, 5 y., W. W. Salmon, Glenfield, N. Y. 560
Johanna King Korndyke, B. C., Allen J. McGregor, Hammond, N. Y. 300
Johanna King Segis, male, 4 y., Houslett & McNutt, Oxford, Wis. 4150
Buttercup D. K. Netherland, 9 y., D. P. Rogers, Mass. 825
King Segis Alcartra Clothilde, B. C., Morgan Bros., Chesterton, Ind. 1300
Fairmount Netherland Posch, 1 y., R. E. Davis 2000
H. C., D. P. Rogers 1000
Lady Victoria Hengerveld Burke, 8 y., E. A. Vandervort, Sidney, N. Y. 775

Total for 19 head $16715
Average $ 880

Consigned by Melvin & Godfrey, Baldwinsville, N. Y.

Lady May Johanna, 2 y., E. L. Pohl $ 210
Beauty Pietertje Albright, 2 y., C. S. Fairchilds 375
Beauty Pietertje Kiatta, 2 y., J. P. Torry, Kenosha, Wis. 405
Grace Abbekerk Pohlcrest, 6 y., J. B. Gillette, Clay, N. Y. 430
Oaknole Pontiac Myra, 2 y., F. P. Sutliff 360
Elmwood Van Friesland Korndyke 2d, H. C., C. R. Moore 150
Queen Viola Clothilde Pietertje 2d., 2 y., M. V. Loveland, Maplview 355
Leila Tulip Nellie, 4 y., H. S. McQueen, Liverpool, N. Y. 360
H. C., J. B. Gillette, Clay, N. Y. 195
H. C., A. G. Danks 1305
King Peter's Pansy, 4 y., G. B. Roice 135
H. C., C. R. Moore 135

Total for 12 head $ 4415
Average $ 368

Consigned by Bernard Meyer, Finderne, N. J.

Finderne Pell Fayne, 3 y., F. L. Sears, Fulton, N. Y. $ 165
Maude Kykuit, 2 d, 2 y., C. S. Fairchilds 260
Finderne Ondine, 3 y., C. S. Fairchilds 480
Queen Sadie D. K., 10 y., Mason Dickinson, Lake Geneva, Wis. 505
Finderne Queen Sadie Pontiac, 1 y., Nathan Dickinson 305
Prospect Queen Johanna D. K., 4 y., C. S. Fairchilds 430
Finderne Soldine Fayne D. K., 3 y., C. F. Hunt, Oran, N. Y. 375
Finderne Soldine Fayne, 3 y., C. F. Hunt 340
Finderne Wayne Pontiac, 4 y., Stevens Bros. Co. 1410
Finderne Countess Korndyke, 1 y., Stevens Bros. Co. 500
Finderne Butter Daelina D. K. 2d, 2 y., M. B. C. Orphanage & Home 190
Finderne Emma Pontiac, 3 y., Adolph Gobel 300

Total for 12 head $ 5260
Average $ 438

Consigned by C. F. Hunt, Ornan, N. Y.

Countess Jacoba Heeringa, 4 y., G. B. Roice $ 290
Gertrude Aaggie Skip 2d, 4 y., Fremont Chapin, Oneida, N. Y. 325
Tenesee May Jewel 2d, 3 y., S. R. Clark, Onondaga Valley, N. Y. 350

SIZE OF THE FARM BUSINESS

No one expects a small grocery store which has only a few customers a day to be a great financial success. The total amount of business is insufficient to earn the operator a substantial income. Exactly the same is true with the small farm. The volume of business is limited by the area in crops and the capital invested. The small farm furnishes a home as well as much of the produce consumed by the family. If it were not for these factors the men on the small area would hardly be able to live.

Wages are a reward of labor, and if a farm does not provide work the pay must be correspondingly small. The family-size farm, which in the cornbelt should be above 100 acres, is unquestionably a more efficient unit than an area of 40 acres or less. Crops can be grown cheaper, labor will be better paid, and the farmer and his family will enjoy more of the benefits of modern civilization.

Breeders' Bulletin Board

READING NOTICE

It is with much regret that we advise our friends of the proposed disposal of our entire herd of Registered Holstein cattle at the coming sale of the Tri-County Holstein-Friesian Breeders Association at Sidney, New York, May 20th and 21st. This herd numbers about 60 animals that we have bred with great care and attention, and for breeding and individuality we doubt if they can be surpassed. Our foundation animals were the best that we could secure, including daughters of Hengerveld De Kol, De Kol Burke, Johanna Aaggie's Sarcastic Lad, Pietertje Hengerveld Count De Kol, King of the Pontiacs, and others of equally good breeding. Our first herd sire was Segis Inka's Son. As the name implies, he was a son of that great foundation cow, Segis Inka, and his sire, Sir Korndyke Manor De Kol, combined in the closest degree the blood of Belle Korndyke and De Kol 2nd.

To succeed this wonderful sire, we secured a son of King Segis, and from a 24-lb. three-year-old daughter of Paul Beets De Kol. This sire, Sir Pietertje Beets Segis, we still have in our herd, and his daughters are wonderfully fine cows. He has something like 20 A. R. O. daughters and about 50 registered daughters, most of which will be tested.

The last bull we purchased, and still own, is the famous King Walker Segis, used as a herd sire by Mr. H. A. Meyer. This bull was sired by King Walker, who stands at the head of the Woodcrest Herd, and his dam was a 28-lb. three-year-old daughter of King Segis. We have about 25 of his daughters, none of them in milk, but they are all as fine dairy shape and conformation as can be

Tenesee May Jewel Segis, H. C., Morgan Bros	160
Tenesee Inka Pet, 2 y., Morgan Bros.	175
Tenesee Inka Jewel, 1 y., Morgan Bros.	240
Rosalie Pontiac Korndyke, 2 y., M. B. C. Orphanage & Home	225
Tenesee May D. K. 4th, 3 y., Fremont Chapi n	260
Tenesee May D. K. 3d, 5 y., Jabez Smith	215
Maple Ledge Pyrene Korndyke, 3 y., Leon More	310
Sadie Bloom De Spofford 2d, 3 y., Oliver Cabanna	400
Skip Hartog Aaggie, 3 y., H. Perkins & Son	250
Wietske Sir Pontiac Rosaline, 3 y., G. B. Roice	230
Maplecroft Pontiac Jewel, 4 y., Leon More	455
Maplecroft Korndyke Johanna, 1 y., C. E. Trinder, Manlius, N. Y.	260
Tennesee Pietertje Korndyke, 1 y., F. E. Isham, Rodman, N. Y.	235
Aaggie Leila Pontiac, 4 y., Stevens & Son	280
Maplecroft Pontiac Pleione, 4 y., H. Stevens & Son	325
Maplecroft Pontiac Pleione 2d, E. A. Powell, Syracuse, N. Y.	205
Snoua Pietertje Onyx 2d, 3 y., Mrs. G. M. Lewis, Oran, N. Y.	390
Charlotte Veeman D. K., 6 y., Oliver Cabanna,	335
Goshen Stellaris Pontiac, 2 y., S. R. Clark	300
Artis Washburn Korndyke Pet., 3 y., Leon More	315
Locust Laura Korndyke, 1 y., A. G. Danks	355
Tennesee Skip Pontiac, 3 y., G. B. Roice	230
Flora Pontiac Hartog, 1 y., G. B. Roice	165
Tennessee Hengerveld Korndyke, 1 y., W. W. Chapin	230
Total for 27 head	$ 7510
Average	$ 278

Consigned by Edwin K. Munro, Camillus, N. Y.

Ormsby Elsjen Princess, 1 y., F. P. Sutliff	$ 175
Countess Korndyke Beauty, 2 y., Morgan Bros.	255
Countess D. K. Aaggie 4th, 2 y., Gobel Bros.	280
Pioneer Mary Inka, 2 y., H. D. Costello, Syracuse, N. Y.	255
4 head brought	$ 965
Average	$ 241

Consigned by E. A. Vandervoort, Sidney, N. Y.

K. P. Daisy Copia, 1 y., Oakhurst Farms, Gloversville, N. Y.	$ 2550
Kathlee Korndyke, 1 y., A. G. Danks	430
Lulu Hengerveld Burke, 7 y., B. Meyer	760
Imperial Segis Keyes, 4 y., C. F. Hunt	300
Slippery Ann D. K. 2d, 4 y., R. E. Haeger, Algonquin, Ill.	570
Pleasant Hill Lois, 6 y., Jabez Smith	410
K. P. Jacoba, 4 y., Elmer Grimes, Aliance, O.	1000
Jennie K. Hengerveld, 2 y., E. V. Babcock	330
Rokna Hengerveld Queen, 2 y., Oliver	.....
Maxsy Korndyke, 4 y., C. S. Fairchilds	500
Van Pietertje, 3 y., C. S. Fairchilds	300
10 head brought	$ 7150
Average	$ 715

Consigned by M. S. Nye, Preble, N. Y.

Dot D. K. Princess Colanthus 3d, 1 y., Morgan Bros.	$ 300
Dora Segis Netherland, 1 y., Morgan Bros.	380
Dora Beets Segis, 1 y., Morgan Bros.	465
Contest Homestead Cornucopia, 4 y., W. W. Chapin	1000
Contest Dora Cornucopia, 4 y., Nathan Dickinson	530
Contest Vale D. K. Elliston, 4 y., Martin Bros.	300
6 head brought	$ 2975
Average	$ 496
Total for 177 head	$88910
Average per head	502

Official Records of H.-F. Cows

263 COWS — **FEBRUARY 13-18, 1914.**

NAME OF COW AND OWNER.	Milk, lbs.	Average per cent. fat.	Butter fat, lbs.
FULL AGED CLASS			
Lieuwkje Lynfield Pleasant Valley Kate 94539, Allen Owen	660.2	4.38	28.921
Thirty-day record	2610.4	4.01	104.882
Sadie Cornucopia Mignone 112499, Daniel B. Tracy	584.6	4.16	24.339
Thirty-day record	2646.6	4.43	94.024
Daisy Pioneer Clyde 148860, H. R. Boomer	620.6	3.64	22.566
Helen Ophelia De Kol 100034, Orvil E. Sooy	517.3	4.25	21.975
Daisy Driftwood Aaggie 2nd 124242, Henry G. Ellinger	543.5	4.04	21.959
Ferndale Alice Mercena 124310, A. L. Hulbert	576.5	3.82	21.797
Fifteen-day record	1173.7	3.89	45.656
Edie Netherland 112929, Harold Thompson	502.8	4.32	21.705

found. These will all be offered in the coming sale.

The sale of the farm which we occupy compels us to sell all of these animals, and we believe that it will be a wonderful opoprtunity for either old established breeders or new beginners to secure animals from this herd at right prices, and will make good for them as they have for us.

DUNHAM BROTHERS,
Bainbridge, N. Y.

MORE CONCERNING THE PRIZE OFFERED BY A. A. HARTSHORN HOLSTEIN CO.

Holstein-Friesian World:—

We are receiving communications in regard to the prize offered and notice that the advertisement we sent you is mis-leading. In fact, it does not state what we intended it should. It was our own error, but would like to correct it.

It reads, "Member of the Holstein-Friesian Association of America," and we wish to add to that "Or anyone, who has or will make application and pay membership fee, before date of Sale."

We wish to call your attention to the fact that the dam of the sire of King Walker Champion, Marion Walker Pietertje, was formerly the only 30 lb. cow of the breed, whose dam and both granddams were all 30 lb. cows, but the new record made by a daughter of Addie De Kol Hartog, makes a second cow in that class and she is a granddaughter of the sires, sire's dam of King Walker Champion and was sired by a brother of Ruby Walker Pietertje, the dam of King Walker Champion and Marion Walker Pietertje was sired by a brother of the grandam of King Walker Champion. Or in other words, these two cows were both sired by sons of Beauty Pietertje and one of those sons was sired by the same bull that Ruby Walker Pietertje was. And these two cows also are granddaughtres of Buttercup Clothilde Pietertje and Abby Hartog Clothilde, whose sire was Clothilde Goudgeld Hugo. So that two of the families having three generations of 30-lb. cows are descended from Clothilde Goudgeld Hugo, Lillian Walker and Prilly.

These facts are very important, when we are considering the value of King Walker Champion.

Very truly yours,
A. A. HARTSHORN HOLSTEIN CO.
By A. A. Hartshorn.

SALES FROM BONAVELO FARMS

Holstein-Friesian World:

Among recent bulls shipped from our farms may be mentioned Walker Quality Pietertje to Grove W. Cole, Byron, N. Y., and Admiral Walker Clyde to Walker Bros., Johnston, New York.

Walker Quality Pietertje is sired by King Quality and out of a daughter of Admiral Walker Pietertje. This combination of breeding is unique in that bulls bred in this way are closer related to the great families of three generations each of 30-lb. cows than any other combination of breeding now produced. King Quality carries 50 per cent of the blood of Abby Hartog Clothilde, the only 30-lb. cow that has produced a 30-pound junior four-year-old that is the dam of a 30-lb.

Lucy Wadnah 69553, H. A. McQuillin	541.7	3.97	21.519
Fourteen-day record	1096.7	3.84	42.131
Bulu Princess 2nd 125195, C. W. Eddy	647.7	3.30	21.401
Thirty-day record	2828.7	3.07	86.778
Wild Rose Johanna De Kol 78898, C. H. & W. B. Nevens	531.8	4.02	21.369
Fourteen-day record	1037.4	3.90	40.412
Maple Crest Pontiac Belle 143946, The Maplecrest Stock Farm Co.	336.5	6.32	21.271
Prilly Matador 98989, O. S. Langworthy	471.8	4.47	21.078
Fourteen-day Record	929.1	4.51	41.886
Honsinger Cornucopia Angelique 108452, C. Larsen	595.9	3.49	20.789
De Kol Pontiac Butter Girl 107891, J. W. Scott	583.0	3.50	20.411
Fourteen-day record	1137.6	3.47	39.520
Juno Pet Pauline De Kol 2nd 110167, F. S. Stimson	518.0	3.93	20.345
Thirty-day record	2306.7	3.61	83.198
Martha De Kol Rue 223926, H. Irving Todd	522.5	3.85	20.106
Fairview Korndyke Wayne 97336, J. W. Scott	489.3	4.09	20.004
Mazie Marie 76529, H. A. McQuillin	639.3	3.12	19.964
Josephine Lucy Nudine 4th De Kol 103195, O. L. Prindle	485.7	3.95	19.205
Buckeye Louie 76023, H. J. Schneider	491.4	3.91	19.194
Avon Dare Cloverdale 3rd 116145, J. W. Benoit	595.1	3.21	19.121
Buckeye Grace Morley 99452, A. L. Hulbert	533.1	3.53	18.833
Fourteen-day record	1050.8	3.45	36.264
Laura Ruth 86696, L. E. Connell	633.0	2.96	18.745
Thirty-day record	2589.4	2.97	76.813
Princess Benla 2d 160915, Tully Farms	509.4	3.68	18.736
Jamaica De Kol Queen Beryl 91338, F. M. Bullis	441.8	4.19	18.533
Twenty-one-day record	1627.3	3.17	51.613
Daisy Clothilde Tritomia 92681, A. L. Hulbert	557.0	3.30	18.369
Delphine 2d's Netherland 2nd 96963, C. C. Smith & Son	477.3	3.84	18.316
Brookside Jeek Queen 119932, J. W. Scott	490.1	3.69	18.077
Hazel Ophelia Victorine 2nd 109095, Ira M. Starr	509.0	3.47	17.667
Artis Marchie 110961, Peter C, Lehman	571.2	3.06	17.479
Lexvine Pietertje De Kol 195104, J. S. Thrasher	537.6	3.18	17.098
Sue Metza 75046, F. W. Peebles & Sons	484.7	3.50	16.958
Nita Burke Monk 89305, S. B. & S. S. Mason	555.1	3.04	16.875
Woodcrest Pietje Maid 100463, Thos. J. Riley	395.9	4.17	16.527
Kingwood Caddy Nudine 121234, H. W. King	371.4	4.45	16.524
Lady Jetta Korndyke Cornucopia 106169, Allan R. Owen	429.6	3.81	16.388
Clara Countess De Kol 74463, F. M. Bullis	382.8	4.25	16.271
Nora De Kol Daw 2nd 121331, A. M. Ryder	557.1	2.90	16.135
Grace Ormsby De Kol 83686, Diet Schwarting	421.3	3.81	16.044
Nellie Portage Lyons 2nd 116027, R. C. McQuillin	471.7	3.37	15.913
Princess Neta Paul De Kol 2nd 122098, Carmel G. Benson	445.8	3.57	15.893
Hattie Pietertje Pauline Calamity 106640, Elliot Bouck	483.6	3.25	15.723
Nellie Price 4th Lass 124200, William I. Griffin	489.5	3.20	15.674
Paul De Kol Goudgeld 3rd Pride 114894, C. P. Duell	358.3	4.34	15.651
Midzie Aaggie 2nd De Kol 114281, J. Boyd Pantlind	442.6	3.54	15.650
Elsie De Kol Butter Girl 98651, M. M. Wakely & Son	412.6	3.74	15.439
Fifteen-day record	875.3	3.67	32.145
Princess Prilly of Russell Farm 118058, Lewis Russell	523.8	2.93	15.355
Houwtje Wallentje 110663, Elliot Bouck	469.6	3.27	15.351
Aaggie Netherland Paul De Kol 87433, L. R. Rice	438.5	3.50	15.329
Princess Hilda De Witt 116201, Claude Van Patten	360.0	4.21	15.168
Snowball Pontiac De Kol 135373, Louis Neller	469.7	3.21	15.086
Nettie of Cherry Creek 132010, Nelson Bros.	442.4	3.40	15.060
Netherland Pacha Merdu 2d 121904, Claude Van Patten	448.1	3.36	15.057
Pearl Belle 109280, B. B. Perry	432.5	3.48	15.037
Daisy Donley De Kol 95916, R. E. Dillon	440.4	3.33	14.674
Lilith Lady Pell 82006, Godfrey Yaussy	418.1	3.49	14.612
Rhea Nudine of Glenwood 53573, H. W. King	428.1	3.41	14.578
Maggie Pietertje De Kol 117944, C. P. Loren	448.4	3.22	14.455
Cornelia Pietertje of Lilac Farm 135523, J. H. Holston	474.1	3.05	14.450
May Netherland Butler 73402, M. M. Wakely & Son	398.7	3.62	14.433
Princess Salo May 96837, Thos. J. Riley	421.9	3.41	14.394
Princess Inka Belle 124464, A. D. Blackburn	436.3	3.29	14.375
Queen Dakota Colantha 107481, Diet Schwarting	398.8	3.55	14.169
Tress Shadeland Pietertje 115516, Thad. L. Sunbury	415.9	3.40	14.146
Jessie Artis Charm Ioline 4th 123942, A. W. Clemson	423.6	3.33	14.101
Vivian Segis Korndyke Bellade 119931, E. E. Risly	391.8	3.60	14.099
Pontiac Hengerveld Korndyke De Kol 92701, J. W. Scott	419.7	3.34	14.041
Pauline Irwin 119488, W. O. Wilcox	424.0	3.29	13.954
Sadie Pietertje Hengerveld 82007, Burr Bros.	419.0	3.33	13.951
Special Fern Debenture 166565, E. E. Cassel	492.9	2.82	13.920
Betsey Rosa 139600, L. E. Connell	436.7	3.18	13.866
Onyx Clothilde 103366, R. D. Lee	456.6	3.01	13.751
The Lady of Shallot 82287, Eli H. Bodine	460.4	2.97	13.681
Como Aaggie De Vries Lily 90141, H. T. Allen	336.2	3.95	13.297
Mary Gorter 3rd Colantha 102755, H. T. Allen	401.4	3.29	13.203
Drucilla of Stark 2nd 112185, Dept. Public Safety	327.7	4.01	13.130
De Kol Pietertje Canary 111240, William I. Griffin	437.8	2.99	13.092
Emily Dotty Queen De Kol 107946, Louis Geczi	361.3	3.59	12.975
Newberry De Kol Belle 146459, W. R. Blair	481.9	2.69	12.950
Mucilage De Kol 93487, Peter C. Lehman	416.9	3.10	12.908
Catharine Clempo De Kol 104342, Ira M. Starr	493.3	2.60	12.822
Faforite De Kol Korndyke 11914, A. D. Crocker	376.5	3.40	12.793
Tress Mercedes Pietertje 115515, T. L. Sunbury	381.6	3.31	12.631
Daisy Johanna Ormsby 83683, Diet Schwarting	343.3	3.64	12.509
Princess Inka Belle 3rd 156442, A. D. Blackburn	408.4	3.06	12.484
Stillfork Rose 2d 136102, L. E. Connell	405.9	3.06	12.422
Lassie Jewel Johanna 2nd 121099, M. M. Wakely & Son	376.4	3.30	12.419
Maple Grove Hartog De Kol 2nd 92080, S. W. Smith	346.3	3.34	12.177
Skylark Ormsby De Kol Hengerveld 84751, D. Schwarting	330.0	3.69	12.167
Andalusia Ethel De Kol 2d Nina 118306, J. W. Scott	376.5	3.23	12.158
SENIOR FOUR-YEAR CLASS			
Segis Clothilde 123738, H. T. Allen	514.4	3.74	19.257
Chenango Mona Hartog 126316, Edsall B. Reynolds	394.4	4.61	18.190
Prilly Kuperus 129876, O. S. Langworthy	479.2	3.70	17.725
Rose Mercedes Nudine 133084, Geo. B. Knisel	449.6	3.69	16.611
Tina Clay De Kol Johanna 2d 119511, University of Ill.	500.3	2.99	14.948
Katrino De Kol Inka 159274, N. F. Hopper	447.7	3.32	14.878
Thorla Inka Pietertje 2nd 134353, Peter C. Lehman	502.2	2.93	14.727
Netherland Anna 5th 128632, Max Miller	468.9	3.07	14.408
Birchwood Belle Brewell De Kol 119711, H. De Witt Terhune	427.4	3.37	14.406
Bessie Gorter Colantha 147812, H. T. Allen	425.9	3.36	14.304
Prilly Lady Clothilde 129873, O. S. Langworthy	339.2	3.90	13.229
JUNIOR FOUR-YEAR CLASS			
Eureka Melissa 145176, Paul McNish	488.2	4.11	20.066
Mississinewa De Kol 131262, C. M. Bottema	593.7	3.18	18.874
Anna Silver Pauline De Kol 4th 129479, M. J. McPherson	489.9	3.68	18.010
Fourteen-day record	1016.4	3.34	33.877

senior three-year-old. His dam is Addie De Kol Hartog, the 30-lb. junior four-year-old above referred to and he is a three-quarter brother to the 30-lb. senior three-year-old.

Admiral Walker Pietertje is also sire of a 31.81-lb. cow and grandsire of a 31.3-lb. cow in another family, and is brother to a 30-lb. cow in still another family of these great cows.

Young bulls of this breeding are therefore very closely related to three of the four greatest families of the breed. Such breeding is a guranty of transmitting ability which will not be overlooked by the careful breeder.

Admiral Walker Clyde is a son of Admiral Walker Pietertje, and out of a 23.7-lb. daughter of Sir Clyde, the noted butter-fat sire. Admiral Walker Pietertje has three daughters with records for 30 to 32.4 lbs. of butter in seven days, and he is also grandsire of three 31-lb. cows. One of these 31-lb. granddaughters is through a daughter and the other two 31-lb. cows are through two different sons of Admiral Walker Pietertje. He also has three granddaughters that hold world's records at the present time, and has many other high record daughters.

The particular point that we wish to bring out about this sire is that he is of proven transmitting ability through both his sons and daughters. It is being talked at the present time that sires transmit through their daughters and dams through their sons, and it is evident that the thoughtful breeder will choose a bull to place at the head of his herd that is backed by ancestors that are of proven transmitting ability through both sons and daughters.

Yours truly,
R. E. CHAPIN & SON.
Batavia, N. Y.

NEXT L. S. & P. CO. SALE

The Fourth Consignment Sale of the Liverpool Sale and Pedigree Co. will be held April 14-15th at the Liverpool Sale Pavilion.

Brown Brothers of Canton, N. Y., consign four granddaughters of Pontiac Korndyke and Leila De Kol Clothilde 2d, 26.86 lbs. as a senior four-year-old, a good daughter of Sir Pontiac Korndyke.

J. H. Wise, of Fulton, N. Y., will sell a number of good dairy cows and two grandsons of Pontiac Korndyke and from Johanna Aaggie Pauline 2d, who made 22.2 lbs. at 25 mos. old, her dam a 25-lb. cow.

James Gibson, who is well known to patrons of the Sale ring, has a 20.4-lb. two-year-old daughter of Rag Apple Korndyke, bred to Johanna King Segis, whose dam is the 40-lb. cow, Johanna De Kol Van Beers. Mr. Gibson has another daughter of Rag Apple Korndyke, with a record of 22¼ lbs. as a four-year-old, two daughters of Clothilde Concordia, from daughters of Rag Apple Korndyke, and a 21-lb. four-year-old daughter of Pontiac Korndyke, bred to Johanna King Segis. He also sells a young bull from Netherland Koroba Concordia, who produced 100.3 lbs. milk in a day, 30.11 lbs. butter in 7 days.

C. F. Hunt has sent some very nice

Eureka Dossie Daw 139610, Paul McNish	494.9	3.45	17.079
Pietertje Parthenea Sarcastic 2d 124770, University of Ill.	438.5	3.89	17.059
Idella Maximum Sharp 222818, H. C. Davis	393.8	4.25	16.745
Prilly Queen 2nd 129883, O. S. Langworthy	456.8	3.57	16.314
Polly Cradock De Kol 150210, Edgar Collier	434.0	3.75	16.280
Princess Pontiac Pauline De Kol 2d 135076, S. W. Smith	517.1	3.09	15.953
Spring Brook Lassie 138714, A. M. Ryder	445.6	3.44	15.341
Jericho Pauline Bloom 2nd 130149, Ernest Smith	414.9	3.65	15.134
Clothilde Segis Beets 128358, F. L. & I. H. Hunt	402.5	3.71	14.926
Princess of the Hills 2nd 133221 Claude Van Patten	428.8	3.32	14.222
Doris Korndyke De Kol 133217, Claude Van Patten	437.1	3.23	14.098
Lady Inka Colantha 160280, Purdue University	361.6	3.63	13.136
Vale De Kol Petertje 129445, H. M. Haller	373.6	3.47	12.982
Frona Model Paul 162248, M. H. & C. A. Nichols	404.8	3.09	12.506
Lady Nasica De Kol 2d Burke 133231, Geo. B. Knisel	409.1	3.05	12.461
De Kol Aaggie Pietertje 3d 125633, W. O. Wilcox	408.1	3.03	12.383
Silica Goldenrod 123494, Pierce Bros.	367.0	3.15	11.563
Lelia Spofford Cornucopia 136826, W. K. Newell	353.4	3.22	11.369
Champion Duchess De Kol Lyons 142288, Pierce Bros.	337.4	3.24	10.946
SENIOR THREE-YEAR CLASS			
Lockhart Bessie De Kol 2d 150641, Eugene La Munion	583.6	3.41	19.885
Thirty-day record	2418.1	3.38	81.713
Hinchey Farm Von Etten Clyde 137805, W. S. Hinchey	519.0	3.46	17.957
Princess Segis Hengerveld 168814, David Munroe	365.8	4.79	17.524
Fourteen-day record	733.2	4.63	33.920
Eureka Walker 151658, Paul McNish	401.3	4.19	16.822
Mazie Marie 2d 147339, R. C. McQuillin	506.6	3.23	16.362
Bethel Johanna Pauline De Kol 149492, G. F. Ramsayer	431.2	3.77	16.266
Heilo Aaggie Inka 2nd 171375, David Muroe	352.0	4.59	16.171
Thirty-day record	1587.9	4.08	64.826
Janice Belle Pontiac 138218, F. S. Kenfield	454.5	3.41	15.497
Florence Johanna 2nd 167331, H. F. Schroeder	449.5	3.41	15.322
Leona Johanna 156023, F. S. Stimson	410.8	3.61	14.822
Aaggie Queen Johanna De Kol 149495, G. F. Ramsayer	449.3	3.27	14.692
May Pontiac Korndyke Abbekerk 154651, Geo. Turner	375.2	3.85	14.448
Lady Hartog Pietertje De Kol 153095, S. W. Smith	411.6	3.33	13.687
Beach Elzevere Pauline De Kol 142937, Beach & Wirt	413.3	3.23	13.364
Bessie Netherland De Kol Johanna 149132, R. D. Lee	389.2	3.33	12.969
Belle Shadeland De Kol 136363, T. L. Sunbury	418.9	3.05	12.726
Charity Pauline De Kol 3rd 153094, S. W. Smith	387.3	3.27	12.649
Colantha Bakker Inka 160281, Purdue University	440.5	2.69	11.844
Prilly May 129879, O. S. Langworthy	303.8	3.51	10.662
JUNIOR THREE-YEAR CLASS			
Anna Concordia Artis 160221, Lewis Russell	454.9	3.81	17.335
Spring Hill Hengerveld Duchess 152342, C. C. Smith & Son	460.9	3.73	17.205
Isabelle Veeman Korndyke Pontiac 165057, J. W. Scott	412.1	4.02	16.584
Korndyke De Kol Beryl Burke 141507, Carmel G. Benson	460.7	3.31	15.239
Netherland Cadilac De Kol 162902, J. B. Grant	440.4	3.44	15.136
Dyllis Ethel Alexander 139782, W. S. Hinchey	389.5	3.75	14.629
Bulu De Kol 162732, H. E. Rowley	433.5	3.34	14.494
Don Pedro Skiff De Kol 148555, H. De Witt Terhune	415.4	3.48	14.466
Lindale Aaggie Pietertje 150974, R. E. Dillon	486.4	2.96	14.403
Pontiac Xanthia 158872, Pontiac State Hospital	461.8	3.05	14.100
Jolie Butter Boy Alma 149721, F. A. Walworth	426.3	3.29	14.022
Prilly De Veniesk Walker 154741, O. S. Langworthy	374.4	3.64	13.644
De Kol Gorter Colantha 157769, H. T. Allen	386.2	3.51	13.559
Elmwood Hengerveld 144351, F. W. Peebles & Son	408.2	3.32	13.539
Eureka Pontiac Princess 159922, Paul McNish	333.9	4.05	13.537
Lois Lill De Kol 146383, Oregon Agr College	360.8	3.71	13.403
Holland De Kol Pontiac 141168, W. O. Wilcox	416.3	3.20	13.326
Johanna Pietertje Pontiac 166563, L. E. Ferguson	373.4	3.43	12.812
Boness Netherland De Kol 154185, C. G. Wallace & Son	339.2	3.73	12.653
Pontiac Quadroon 158865, Pontiac State Hospital	360.9	3.45	12.450
Spring Hill Schuiling Vesta 2nd 159884, C. C. Smith & Son	425.9	2.92	12.444
Oakhurst Segis Burke 164025, A. L. Brockway	327.6	3.72	12.178
Beatrice Slade Bawn De Kol 159929, Godfrey Yaussy	401.5	2.87	11.513
Countess Trildiamond 140568, Beach & Wirt	358.8	3.09	11.076
Princess Zyka Daisy 2nd 217949, A. D. Blackburn	385.0	2.76	10.638
Champion Princess De Kol 150340, Pierce Bros.	301.5	3.52	10.619
Pomona Aaggie McKinley 145624, Alexander Watt	253.4	3.85	9.749
SENIOR TWO-YEAR CLASS			
K. P. Johanna 157597, Stevens Bros. Co.	499.2	3.87	19.297
Thirty-day record	1975.9	4.01	79.155
Dossie De Vries 161971, A. M. Ryder	459.4	3.56	16.364
Ormsby Jane Piebe Segis 150941, Oliver Cabana, Jr.	364.8	3.72	13.576
Thirty-day record	1688.9	3.26	55.007
Butter Girl May Korndyke 167960, Harry B. Davis	355.1	3.76	13.347
Pauline Parthenea De Kol Sarcastic 3d 210110, O. Cabana			
Sixty-day record	3705.6	2.91	107.690
Ninety-day record	5445.2	2.95	160.620
Hill Pine Snowflake De Kol 154750, E. E. Risley	378.3	3.35	12.691
Houwtje Belle Konnie 2d 155925, Louis Neller	320.1	3.85	12.321
Lindale Bonnie Pauline 177521, R. E. Dillon	419.8	2.93	12.289
Aaggie De Kol Veeman 3rd 171485, O. L. Prindle	381.3	3.19	12.151
Nancy Korndyke 159779, Harry B. Davis	289.6	4.06	11.779
Verl De Kol Abbekerk 170385, Edgar Collier	370.0	3.16	11.691
Prilly Matador Hamilton 154742, O. S. Langworthy	291.7	3.95	11.512
Aaltje Clothilde De Kol Pearl 164972, W. O. Wilcox	338.4	3.38	11.440
Countess Anna Mercedes 2d 179709, Claude Van Patten	316.1	3.58	11.315
Pontiac Kriemhild 158861, Pontiac State Hospital	311.4	3.55	11.061
Caseholm Korndyke Rose 177725, A. V. Case	303.0	3.64	11.038
Lady Pontiac De Kol Princess 163676, A. D. Blackburn	309.3	3.53	10.926
Aaltje Clothilde De Kol Pet 164973, W. O. Wilcox	341.1	3.19	10.870
Maplecrest De Kol 172717, B. D. Presley	326.1	3.32	10.838
Duchess Inka Korndyke 161486, Harry B. Davis	312.3	3.43	10.720
May De Kol Essex Almount 151030, John M. Dennis	356.1	2.96	10.526
Bethel Pauline Johanna 173044, G. F. Ramsayer	322.9	3.24	10.457
Lyons Neta Paul Wayne Perfection 165010, N. F. Hopper	342.8	2.93	10.044
Bona Lady Rue 5th 164119, University of Illinois	352.3	2.85	10.038
Fairmont Pontiac Hartog 177870, Oliver Cabana, Jr.	254.7	3.72	9.484
Thirty-day record	1096.7	3.57	39.108
Victorine Model 176702, Ira M. Starr	262.9	3.47	9.114
Elmcrest Genevieve Netherland 154877, Pierce Bros.	275.4	3.29	9.061
Homewood Aaggie Beets 171148, W. C. Jewell	272.3	3.17	8.652
JUNIOR TWO-YEAR CLASS			
Eli Pietertje Pontiac 185969, C. M. Bottema	459.5	3.47	15.938
Matador Twisk Minnette 5th 177666, O. S. Langworthy	377.4	4.09	15.452
Thirty-day record	1606.5	3.84	62.441
Eli Pontiac Winner 184821, C. M. Bottema	465.6	3.19	14.871
Kingwood Lucy Cash Segis 173053, H. W. King	403.9	3.54	14.311

inidividuals. There is a daughter of Dichter De Kol Netherland whose dam and sire's dam average 31.88 lbs. butter in seven days. Several daughters of Mercedes America Paul and a nice October calf sired by Count Fayne Hengerveld whose dam is the highest record daughter of Hengerveld De Kol, are included.

M. E. Dunning, of Middletown, N. Y., has considered several good daughters of Pledge Spofford Calamity Paul, who now has a 32-lb. four-year-old and 30-lb. three-year-old daughter. He sends seven daughters of Dichter De Kol Netherland already mentioned, and this splendidly bred bull is Mr. Dunning's Reference Sire. There is a son of this bull from a 23-lb. daughter of King Pontiac Pyrrha one of the best bred sons of the King of the Pontiacs. Mr. Dunning has one bred to the great $10,000 bull King Segis Pontiac Alcartra.

Mr. A. A. Knapp, will offer two daughters of Triple De Kol Lyons Preble and a son of the same bull. The dam of the young bull is Briar Pietje Abbekerk who has just completed a record of 955.43 lbs. butter in a year which is the World's record in the junior two-year-old class. Mr. Knapp's females are bred to King Vale Segis, whose pedigree shows some of the greatest official and semi-official records ever made.

Horstman & Berning send a number of well bred animals several of which are bred to King of the Pontiacs 4th, a high-class son of King of the Pontiacs.

One of the largest consignments in the Sale is that of Claude Van Patten, of Endicott, N. Y. and this consignment consists of a number of high-class young dairy cows, that will prove profitable investments for the purchaser. Most of them are bred to Wayne Korndyke Pontiac, a well bred son of the great Pontiac Korndyke. A number of animals in Mr. Van Patten's consignment have official records just completed and as this is his first attempt at A. R. O. work, we expect to see them largely increased. There are several granddaughters of Korndyke Queen De Kol's Prince and of Pontiac Korndyke of Pietje 22d's Woodcrest Lad and Changeling Butter Boy.

Stevens Bros. Company's Consignment will be of its usual high-order and they have selected a number of granddaughters of King of the Pontiacs for this Sale.

Murphy & Gillette's consignment will show fitting of the best kind, and the animals from this firm command good prices on account of their individuality as well as breeding. The purchasers of animals consigned by Murphy & Gillette in other Sales have already had the pleasure of finding their animals enhance in value, by reason of the records made by other animals in this herd.

As is customary with the Sales of the Liverpool Sale & Pedigree Company no effort will be spared to insure the comfort and entertainment of the visitors.—Liverpool Sale & Pedigree Co., by G. H. Truckell.

The worst kicker of the bunch is the jackass that kicks with his mouth.

Beauty Midnight Korndyke De Kol 175098, M. McPherson	375.7	3.78	14.215
Daffodil Clothilde 2d 184575, C. M. Bottema	470.8	2.93	13.789
Marvley De Kol Pontiac 182486, E. M. Baker	388.7	3.51	13.647
Hollywood Alta Posch 183330, F. S. Stimson	419.3	3.19	13.395
Matador Concordia Hamilton 177665, O. S. Langworthy	349.2	3.83	13.381
Prilly Matador 3rd 177668, O. S. Langworthy	319.7	4.14	13.247
Pietertje Parthenea De Kol 4th 162583, U. of Illinois	354.4	3.71	13.141
Fourteen-day record	713.0	3.56	25.406
Pontiac Briseis 188179, Pontiac State Hospital	320.9	4.05	12.988
Hinchey Farm Inka De Kol 188621, W. S. Hinchey	310.2	4.14	12.841
Early Dawn Aaggie 2nd 182543, J. J. Prindle	331.6	3.81	12.641
Lassie Sadie Ormsby Jewel 186270, M. M. Wakeley & Son	316.4	3.96	12.545
Fifteen-day record	700.4	3.63	25.401
Countess Belle Model Fayne 196746, L. S. & B. F. Boise	376.0	3.33	12.516
Houwtje Calamity Akkrum 179161, H. M. Haller	424.7	2.94	12.496
Beach Pontiac Rag Apple 180192, Beach & Wirt	317.6	3.91	12.431
Queen Perseus 188501, H. R. Boomer	322.0	3.84	12.385
Eli Pontiac Fern Artis 185970, C. M. Bottema	410.9	3.01	12.369
Arrabella Vale 2d 191004, Edgar Collier	348.5	3.47	12.103
Hazel De Kol Beets 165641, Willis E. Stryker	352.6	3.41	12.034
Springvale Netherland Coin 3d 190481, Henry G. Ellinger	334.0	3.57	12.012
Sadie Elgin Netherland Butler 182602, M. Wakeley & Son	284.6	4.18	11.889
Fifteen-day record	617.6	4.01	24.766
Bulu Princess De Kol 2nd 186563, C. W. Eddy	415.9	2.85	11.869
Fourteen-day record	795.2	2.86	22.741
Hill Pine Queen Beth De Kol 187281, E. E. Risley	345.3	3.43	11.844
Betta Slade Bawn De Kol 168430, Godfrey Yaussy	426.5	2.75	11.746
Valley Jewel Butter Girl 189160, Geo. Turner	326.4	3.57	11.636
Mattie Vernon Pontiac 200849, A. D. Crocker	312.2	3.72	11.628
Countess Hengerveld Model Fayne 199600, L. S. & B. F. Boise	364.6	3.15	11.502
Pontiac Ximene 173438, Pontiac State Hospital	359.9	3.18	11.428
Lady Vernon Posch De Kol 183059, Carmel G. Benson	276.1	4.07	11.245
Delta Pontiac Netherland 188174, E. E. Risley	333.9	3.35	11.198
Spring Hill Burke Marcia 188171, C. C. Smith & Son	377.1	2.96	11.149
Essex Princess Violet De Kol 174782, John M. Dennis	323.6	3.40	11.001
Calamity Cornucopia Johanna 176648, M. S. Nye	356.3	3.08	10.975
Netherland Cadilac Maid 184696, J. B. Grant	297.7	3.66	10.898
Aaggie Veeman Roxy 189664, Willis E. Stryker	371.1	2.92	10.846
Kora Korndyke De Kol Pontiac 200848, A. D. Crocker	320.3	3.33	10.656
Princess Fayne De Kol 168899, S. B. Noxon	295.1	3.58	10.582
Pontiac Milla 160551, Pontiac State Hospital	306.6	3.42	10.497
Lady Model Paul 183051, M. H. & C. A. Nichols	308.7	3.40	10.485
Beautiful Winfield Lass 185219, E. E. Risley	290.8	3.59	10.446
Tehee De Kol Ormsby 160065, W. K. Newell	359.9	2.89	10.405
Aaggie Wayne Calamity De Kol 179162, H. M. Haller	308.5	3.33	10.259
Delta Pontiac Metjie 188175, E. E. Risley	354.5	2.88	10.229
Essex Nansena Ina Christine 174781, John M. Dennis	315.0	3.11	9.789
Hill Pine Pontiac Hengerveld 187575, E. E. Risley	305.5	3.17	9.686
Lady Abbekerk Mercena 188156, Edgar Collier	285.1	3.39	9.655
Duchess Flora Pontiac 185081, M. H. & C. A. Nichols	270.5	3.55	9.615
Bona Lady Rue 4th 164118, University of Illinois	291.6	3.29	9.615
Gretchen Schuiling De Kol 3rd 164737, John M. Dennis	338.5	2.82	9.548
Spring Hill America Girl 186083, C. C. Smith & Son	276.3	3.37	9.319
Celesta Pietertje De Kol 176917, Claude Van Patten	257.1	3.61	9.296
Delia Sarah Pontiac 185080, M. H. & C. A. Nichols	277.5	3.32	9.222
Bellemore Beauty Hengerveld 189948, Edsall B. Reynolds	276.6	3.32	9.170
Columbo Pontiac Elgin 188798, C. H. Nevens	303.1	3.02	9.150
Pauline Cornucopia Bloomingdale 191580, N. Van Denburg	286.6	3.17	9.089
Oak Valley Pansy Segis Beets 190920, J. E. Burroughs	270.9	3.35	9.077
Segis Burke Ondit De Kol 164975, W. O. Wilcox	285.0	3.17	9.042
Bellemore Lady Hengerveld 192713, Edsall B. Reynolds	287.6	3.08	8.868
Elmcrest Marjorie Butter Girl 178383, Pierce Bros.	266.3	3.31	8.815
Queen Segis Hengerveld 161553, F. D. Churchward	271.3	3.21	8.709
Essex Hilda Ina De Kol Lass 174780, John M. Dennis	261.2	3.27	8.548
Agnes Brook Calamity 181888, H. M. Haller	254.2	3.23	8.214
Elzevere Pearlina 185853, Beach & Wirt	231.1	3.49	8.066
Sarcastic Lady Agnes 2d 162582, University of Illinois	229.6	3.46	7.946
Betsey Rosa 2nd 193192, L. E. Connell	229.2	3.32	7.614
Elmcrest Silica Grace 178382, Pierce Bros	245.0	3.09	7.573

De Kol Queen La Polka 2d, owned by Clayton Sisson, Sherbourne, N. Y., in test at ten years of age has 32 pounds butter to her credit and will go higher. She is giving 115 lbs. milk in a day. She has now made four records over 29 lbs., 3 of which are over 30 lbs. Her record, two years ago of nearly 31 lbs. was not reported, though the record was certified to by a Supervisor from Cornell.

BILL JONES' NEIGHBORS

I got all kinds o' neighbors where I'm
livin by the Crick—
Some Yankees and a Polack, and the
Dutch is pretty thick,
An' there's seventeen Norwegians
that haul milk along the road,
An' the's Irish, some; an' others, I
ain't figgered whar they growed.
An' some of 'em is differ'nt in their
livin' ways to mine—
I reckon its their raisin'—an' I never
got a line
On the half dozen lingoes hearn
around a threshin' bee,
For I wuz born a Yankee, an' that's
good enough for me.

But somehow, when my wife was sick
an' I was mighty blue,
Then Hilda—she's my neighbor's gal
—come up and pulled us thru;
An' when I broke my laig last fall,
an' huskin' not begun,
The Polock brought the Dutchmen
and they cribbed 'er number one.
An' when my neighbor's horse got
cut, an' laid up plowin' time,
An Irishman he lent Bill one, an'
never charged a dime;
An' take 'em here an' yander, as fur
es I can see
The lot of 'em together is just like
you an' me.

I'm proud that I'm a Yankee, an'
Pete's proud that he is Dutch,
But the lingo makes no differ, an' the
creeds don't matter much,

Fer we're goin to pull together—Yank
an' Swede an' Mick an' Finn—
Till we've sowed a crop of Brotherhood, an' brought the harvest in.
Fer that's the way we figger that our boys an' gals'll git
Their chance as we've had our'n, an' we'll help to fashion it!
An' the' ain't no man can stop us, and the' ain't no one can say
That the neighbors down on Farmers' Crick ain't pullin' all one way.—Farm, Stock & Home.

PUBLIC SALE CALENDAR

April 13, 1914—Indianapolis, Ind., C. M.Bottema. 90 head purebred. 50 Grades.

April 14,1914—Alta, Ill., I. J. Case and J. W. Garvey.

April 14-15, 1914—Syracuse, N. Y. 4th Consignment Sale. Liverpool Sale and Pedigree Company.

April 16, 1914—Beard's Sale, Cortland, N. Y.

April 20, 1914—T. E. Getzelman Sale, Hampshire, Ill.

April 21-22, 1914—Algonquin, Ill. R. E. Haeger.

April 22, 1914—Howell, Mich. Howell Consignment Sale Co. 100 head.

April 25, 1914—B. E. Totten Sale, 100 head, at Gustavus, Ohio. P. O., Farmdale, Ohio.

April 27, 1914—Youngstown, O. Complete Dispersion. Idora Place, Wm. Bakody. 90 head.

April 28, 1914—W. C. Jewel, Dispersion Sale. Kinsman, Ohio. 90 head.

April 30, 1914—Geneva, O. Idle Hour Place Dispersion.

May 4, 1914—Waukesha, Wis. Waukesha County Breeders. 80 head.

May 5-6, 1914—Syracuse, N. Y. New York State Breeders' Sale Co.

May 7-8, 1914—Madison - Chenango Holstein Club Sale, 200 head, Earlville, N. Y.

May 11, 1914—The Lake Mills Holstein Breeders' Consignment Sales Co. next annual sale, Lake Mills, Wis. F. H. Everson, Mgr.

May 12, 1914—Western Connecticut Breeder's Company Sale, 75 head. New Milford, Fair Grounds.

May 13-14, 1914—Sale Pavilion, Syracuse, N. Y. E. M. Hastings 1914 Sale.

May 20-21, 1914—Sidney N. Y. Tri-County Holstein-Friesian Breeders' Association. Second Annual Sale.

May 26, 1914—Bedford Park, Ont. Gordon S. Gooderham.

May 26-27, 1914—Worchester, Massachusetts. Third Annual New England Breeders' Sale.

June 4-5, 1914—Western Holstein Sale at Chicago, Ill. T. E. Getzelman, Sale Manager.

June 10, 1914—N. Dunn and St. Croix Co. Ass'n. 2nd Ann. Sale, Glenwood City, Wis., S. B. Peck, Mgr., Boyceville, Wis.

Oct. 15, 1914—7th Ann. Sale, Michigan Sale Co., State Fair Grounds, Detroit, Mich. H. W. Norton, Jr., Mgr.

Oct. 19-20, 1914—Sterling, Ill. Third Annual Sale. Woodlawn Farms Co.

Oct. 20, 1914—Woodstock, Ill. Second Annual Sale, Mc Henry Co. H.-F. Breeders' Association.

Oct. 21-22, 1914—Pavilion, Barrington, Ill. First Semi-Annual Sale of the Barrington Breeders' Association.

Dec. 11, 1914—North Portland, Oregon. Second Annual Pacific-International. Geo. A. Gue, Mgr.

The main distinction between the oldfashioned hoe and the modern cultivator is that the hired man could only lean on the former while he can sit down on the latter.

* * *

The income tax exemption seems to work in the interest of matrimonial harmony.

FOR SALE!

Herd bull, Sir Pontiac Korndyke 6th. (27.31-lb. dam.)

Write for pedigree and information to

W. L. KEYES,

Box 68, Deerfield, N. Y.

SEGIS JOHANNA LYONS AT $350.

One year old. Backed by 5 dams over 31 lbs. and by the sires or dams of over thirty-five 30-lb. cows. His nine nearest dams average 28.5 lbs. in 7 days.

Bull calves from A. R. O. dams and sired by our 32-lb. herd bull, **Spring Farm King Pontiac Mercedes.**

C. P. Barker, Chippewa Falls, Wis.

NOTICE

Parties wishing pasture for yearlings with service to a son of Pontiac Korndyke, write

N. V. Lasher, Fultonville, New York.

FOR SALE.

A three teated cow—10 years old—Cheap. One 8-year-old cow, straight and right, due to freshen in April by a son of **Pontiac Korndyke.** She has a butter record of 19.3 lbs.

R. E. DAVIS,

Mexico, R. 4, New York.

FOR SALE—Must sell 15 or 20 purebred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.

J. G. HORNER Lamson, N. Y.

17 miles north of Syracuse on

D. L. & W. Railroad

FOR SALE

Bull calves from A. R. O. dams, sired by herd bull, Paxton Count Heegstra, whose dam's, sire's dam's and sisters' records range from 22 to 30 lbs. Prices ranging from $25 to $250 each. Terms cash. Apply at Elys-Elyn Farm.

Chas. A. Severance, Sup't.

Paxton, Mass.

AT REASONABLE PRICES

Beautiful bulls—King of the Pontiacs, Pontiac Korndyke, Model Family, King of the Butter Kings. King Segis and other families, all from A. R. O. dams with high records. Individually they are unsurpassed in any stable in America. Also choice females, all ages. An exceptionally fine lot of heifers bred to the best bulls.

E. A. POWELL, 904 W. Genesee St., Syracuse, N. Y.

FOR SALE

Four full-age cows well-bred, but not A. R. O. Bred to the same Sire our bull calves are from.

Bull Calves For Sale from A. R. O. Dams, and a Sire whose Dam's Sire has four daughters over thirty pounds.

Special prices to sell these cows and calves in the next thirty days.

BELVOIR FARM, LAKE GENEVA, WIS.

MAPLEHURST FARMS

Lamb & Langworthy **East Hamilton, N. Y.**

KING PONTIAC CANARY 78766.
First two daughters to freshen—
K. P. C. Signet De Kol Jr., two years old 18.73
K. P. C. Dorothy Colanthus 1 year, 10 mos. 18.26
We have a bull calf sired by this bull from a 27-lb. cow consigned to the Madison-Chenango Co. Sale May 6 and 7.

KING OF THE PONTIACS.
Greatest Bull of the Breed.

CANARY HARTOG DE KOL.
A. R. O. 26.60.
30 days 104.40.
Sister to—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy 30.39

PONTIAC KORNDYKE.
Sire of eleven cows with records above 30 lbs.

PONTIAC LUNDE HENGERVELD
7 days 28.41
30 days 114.82

CANARY MERCEDES ALBAN.
30 A. R. O. daughters—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy, four years 30.39
Canary De Kol Susie, 4 yrs..26.88

PIETERTJE HARTOG IMPERIAL DE KOL.
Dam of—
Canary Hartog De Kol 26.60
Canary Hartog, 2 yrs.....17.20

DOWNING FARM HOLSTEINS

$75 buys bull born June 1913, dam an untested granddaughter of Hengerveld De Kol. Also 2 grandsons of King of the Pontiacs out of yearly record cows, one ten the other twelve months old, and several younger bulls of choice breeding with or without A. R. O. dams.

DR. M. W. DOWNING & BROTHER
Waukesha, Wis.

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)—VOLUME 24.

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, list of cows tested during that year, with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others —$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

WALKER LILITH ALTOANA

is the only bull in the world whose dam ever made a World's Record as a two-year old, and again as a three-year-old, her two records averaging over 30 lb. Her 3-year-old record is 33.6 lb

Service fee—$50.00.

HAROLD F. HUBBS :-Kirkville, N. Y.

A 32-lb. AVERAGE

for his four nearest dams—these are the latest figures for our herd sire. Pietje Alcartra Fayne. He is a bull with a future.

J. W. PRENTISS & SON,
Maplemont Farm :: Alstead, N. H.

KANSAS CITY FARM

Kansas City, U. S. A., and Springfield, Ill.
Breeders of K. C. Holsteins
Stock for Sale.
See or write

T. J. DAUGHENBAUGH
Springfield, :—: :—: Ill.

Milford Meadows Stock Farm

Holstein-Friesians

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families.

Developers under normal conditions.

This year's crop of bull calves from A. R. O. dams, sired by 29.55-lb. bull. He sired by 34.96 lb. bull. Descriptions of calves and dams sent on application. Business office

122 So. Michigan Boulevard, Chicago.

H. B. Favill, Prop., H. W. Faville, Mgr.

WARDE R. WEILER

WARREN, PA.

Auctioneer

Posted on Holsteins and how to sell them.

Write early for terms and dates.

YOUR HOLSTEIN SALE
needs

MACK

Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin.

Holstein Auctioneer

To insure the success of your sale you need Kelley in the box
For dates write

COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry

THE

HOLSTEIN AUCTIONEER
I also sell satisfaction.
Columbus, Ohio.

THE TRAVERSE HERD

BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,
Traverse City, Michigan.

OUR POLICY

Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some GOOD ones.

W. H. HORSTMANN
R 2. Schenectady, N. Y.

35-lb. BULL

Sire is the $15,000 son of the 44-lb. cow. Dam, a 26-lb. daughter of **Hengerveld De Kol** and the wonderful 29-lb. cow, Elzevere Barnum De Kol, is a cow of 30-lb. quality. **Two nearest dams average 35.18 lbs. Three nearest dams average 33.15 lbs.** Calf was born Jan. 30, 1914, and is one of the best individuals we have ever seen, seven-eighths white, simply a beauty. A bull that will put you in the front rank. For further information address

QUENTIN MC ADAM,
23 South St., Utica, N. Y.
Brothertown Farms.

LACONA BREEDERS

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.

J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD

The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit-producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves. **D. J. HOLLIS Lacona, N. Y.**

PINE RIDGE HERD is headed by Lord Korndyke 2d, 79255, who carries 50 per cent of the blood of Belle Korndyke, De Kol 2d and Netherland Hengerveld, the three greatest foundation cows of the breed. His twenty nearest tested dams average 25.2 lb. Watch this space for announcements of further offerings.

A. T. BLOUNT Lacona, N. Y.

WHEAT HILL HERD has just purchased Pleasant Hill Pontiac Veeman Wayne No. 70448, whose sire is Sir Korndyke Pontiac Artis, and whose dam is a 29 lb. 4-year-old daughter of Sir Veeman Hengerveld and the 25 lb. cow, Kate De Kol Wayne, who has three daughters with 4-year-old records averaging over 30-lb. Individually and in breeding he has few equals. Will soon be able to offer cows in calf to him at very attractive prices.

W. J. SNYDER Lacona, N. Y.

AT THE EDGE OF THE VILLAGE OF Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.

Jay Bettinger, Lacona, N. Y.

SON OF THE $15,000.00 BULL.

Raise your own herd sire. We have a splendid 9-year-old cow in calf to the 44-lb. bull. Even if she has a heifer, it will be worth all we are asking for the cow herself. This is your opportunity. We also offer at a bargain a handsome Shetland Pony, with harness and rig complete.

R. D. REYNOLDS, Lacona, New York.

THIRTEEN SISTERS

daughters of Sir Netherland Johanna De Kol. Look up his list of daughters, and then remember he is a brother to a 40-lb. cow.

These heifers, a few of which are just in milk, and the rest younger, are individually O. K., and certainly represent quality. We are overstocked, and must dispose of some cattle. We have other good ones.

B. E. MEAD,
Lacona Herd, Lacona, N. Y.

A 32.97-lb. BULL.

Son of the $15,000.00 bull, Spring Farm Pontiac Cornucopia, who was from K. P. Pontiac Lass (44.18 lbs.)

The dam is the 21.76 lb. cow, Jewel Johanna De Kol 2d 102230, who will make a much larger record at next freshening.

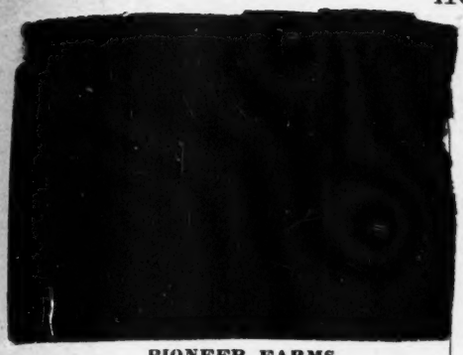
Bull is four months old, and a fine, handsomely-marked individual. Price for a quick sale, $1,000.00.

Also ten nice typy heifers just under a year old—all by the same sire.

COLVIN & DESHANE,
Richland, New York.

A REGULAR LACONA BARGAIN—A December Bull Calf. Sire—King Pontiac Artis Prilly, who was by a 31-lb. son of King of the Pontiacs, and from the best daughter of King Prilly. Dam—A promising daughter of Woodcrest Aaggie Jewel Son, who was by Pietje 22d's Woodcrest Lad, and from the former World's Champion two-year-old in yearly test. We need his room more than his company, and you get the benefit.

H. A. PRESCOTT,
Bellevue Herd, Lacona, N. Y.



PIONEER FARMS

E. K. MUNRO **Camillus, N. Y.**

YEARLING BULL FOR SALE

Born January 19, 1913.

A fine individual, nicely marked and a show bull. His dam, one of the best daughters of Aaggie Grace Butter Boy, has just made 575 lbs. milk and 28.97 lbs. butter in 7 days.

His service, Prince of Wayne Korndyke No. 51138, is from one of the very best daughters of De Kol 2nd's Butter Boy 3d.

Write for pedigree and price and let me tell you more about this fellow.

C. E. CHASE,
Edmeston, **New York.**

Bull Calves For Sale

sired by Prince Segis Korndyke Jr. 74094 a 30-lb. bcil and from dams with records of from 16.37 lbs. as two-year-olds to 22.43 lbs. at four years old.

Would also spare a few females. For prices address

KEYSTONE FARMS
C. A. PRATT, Prop'r
Le Raysville, Pa.

AURAY FARMS

We specialize in the blood of **De Kol 2d** and **King Segis** (seven 30-lb. dau.), the greatest of all combinations.

Senior Sire: Mutual Pietertje Paul, the best grandson of **De Kol 2d** through her greatest transmitting son.

Junior Sire: King Segis Pontiac Clorinda, grandson of **King Segis,** through his greatest son; and from a record daughter of **King of the Pontiacs.**

We offer a splendid individual, largely white, by our junior sire and an A. R. O. daughter of **Homestead Girl De Kol Sarcastic Lad.** Born December 10, 1913. Each of 6 famous sires in 2nd and 3rd generations has produced one or more daughters making over 100 lbs. in 30 days.

PRICE $200.00

A beauty and a bargain. Satisfaction and safe delivery guaranteed or money refunded.

AURAY FARMS

F. M. Avery—I. M. Avery, Mgr.
Sparta, Sussex Co., N. J.

HORNLESS HOLSTEIN-FRIESIANS.

The only Herd in the world, pure bred, naturally hornless Holstein-Friesian Cattle, registered in the Herd Books, the A. R. O. Book of the Holstein-Friesian Association of America, recognized first by the Association in Volume 3, Bulls, Page 28, in March 1887. I believe all the polled Holsteins in America are descendants of De Kol 2d.

During the past six months I have shipped Polled Bull Calves all over the United States—Indiana, Colorado, Connecticut. Every customer is pleased with his purchase.

One nice October Calf, more white than black, A. R. O. Dam, at One Hundred (100) Dollars, crated F. O. B. Express Company.

GEO. E. STEVENSON & SONS **Waverly, Pa.**

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. The dam of the calf is a granddaughter of King of the Pontiacs and has a record of 19 lbs. in 7 days as a Jr. two-year-old, and 76 lbs. in 30 days. The sire is a grandson of King Segis whose dam and sire's dam average 31.63 lbs. in 7 days. For price write

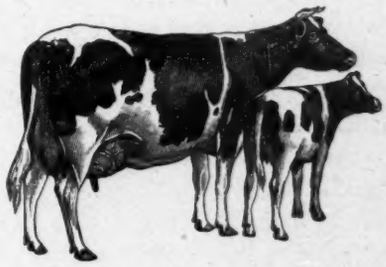
S. B. Taylor, Canastota, N. Y.

Clean Milk---Safe Milk
Purebred Holstein Cow's Milk

When a dairyman keeps purebred Holstein cattle it's fairly safe to assume that his milk is clean and safe. The presenece of such animals indicates the modern scientific spirit and a determination to conform to the highest standards of dairying.

Order Holstein milk and you secure milk from cows that are by nature exceptionally healthy and not easily susceptible to tuberculosis or other bovine diseases.

In quality Holstein cows' milk is more nearly like human milk than is that of any other breed. In its fat content, its comparative freedom from the objectionable volatile glycerides and in the size of the fat globules, it is very different from common milk. The average fat globules is less than half the size of those in richer milk. That means finer, softer curds and easier digestion. You will be interested in experts' evidence on those points.



Send for our free literature.

HOLSTEIN-FRIESIAN ASSOCIATION
BOX 182 **BRATTLEBORO, VT.**

Howell Consignment Sale Company

At Howell, Livingston Co., Michigan

APRIL 22, 1914, 12 M. SHARP

100 -- Registered Holstein Females -- 100

consisting of cows, heifers and heifer calves, many with large A. R. O. records and backed by such sires as King Segis, King of the Pontiacs, Hengerveld De Kol, De Kol 2d's Butter Boy 3d, Pietertje Hengerveld's Count De Kol, Pontiac Korndyke, Friend Hengerveld De Kol Butter Boy, such dams as Sadie Vale Concordia (30.64), Susie De Kol Paul (30.05), Queen Cantrilla 3d (30.71), Hillside Dodo (31.94), Pontiac Clothilde De Kol 2d (37.21), Grace Fayne 2d's Homestead (35.55).

These are enough to convince anyone that this is the place to buy the best. Nearly all of our herd sires, dams and granddams have an average of over 30.50 lbs. butter in 7 days.

All stock tuberculin-tested by authorized veterinarian.

Catalog ready April 8th.

MARK B. CURDY, Sec'y.

PERRY & KELLEY, Auctioneers.
WILLIAM BAMBER, President.

NOTICE No. 1

King Korndyke Maid

has arrived at his home in the White Mountains of New Hampshire. He has come to head the FAIRVIEW FARMS herd of purebred Holsteins, which contains daughters of Pontiac Korndyke, Johanna Rue 3rd's Lad, Konig Blanche Lyons, King Pontiac Artis, King Pontiac Pyrrha, Sir Korndyke Manor De Kol, Korndyke Pontiac Hengerveld Son, and other good ones. KING KORNDYKE MAID is one of the best bred bulls that could be bought, being sired by PONTIAC KORNDYKE, the greatest Holstein sire that ever lived, and from PONTIAC KORNDYKE MAID, who is also sired by PONTIAC KORNDYKE, from a 20.34 lbs. daughter of Sir Pietertje Posch and Winana Beets De Kol, (20.71), who has three granddaughters with records over 31 lbs. PONTIAC KORNDYKE MAID has made 33.76 lbs. of butter from 535 lbs. of milk, test 5.05. The service to the "KING" for a few approved cows will be $100.

FAIRVIEW FARMS

Richard T. Eastman

Littleton, N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON,

Rosendale, Wisconsin

ORRVILLE HERD.

Bull calf, sire, King Pontiac of Brookside No. 55635. Dam, Netherland Mono Johanna No. 76190; 21,644 lbs. milk, 919.28 lbs. butter, semi-official record.

A real individual, too. Write

A. HURSH,

Orrville, Ohio.

King Pontiac Asia 58042

He is a son of **King of the Pontiacs** and **Pontiac Asia** (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac **Pieone** (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by **Hengerveld De Kol. For Sale**—bull calf from **Johanna** cow (22-lb. jr. 2-yr.-old) and by above herd sire.

M. F. PECK & SONS, Marshall, Wis.

Typewritten Pedigrees

On the best quality paper 9 1-2x14 with diagram.

No. 2-14 ancestors Blue Book records (3 for $1) 35c. No. 5-14 ancestors up to date pedigree 2 colors 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs write **F. G. JOHNSTON, 37 W. Lane Ave., Columbus, O.**

HILLSPRING ALLIE FAYNE

has a bull calf sired by **King Pontiac** Portia. She has just completed a record of 17.005 pounds butter from 383.5 pounds milk, as a senior four-year-old. She is a granddaughter of Sir Fayne Concordia, from a 15.18 lb. granddaughter of Pearl of the Dairy's Joe De Kol. Three-quarters white and individually just like his "dad". For price etc. address

C. C. FRIES & SON,

Richland Center, Wisconsin.

THIS IS A SON OF AAGGIE CORNUCOPIA JOHANNA LAD JR.

DE KOL PAUL CORNUCOPIA KING

HERE IS YOUR CHANCE

Another of his sons—Sir Aaggie Cornucopia Pride No. 123438, born Feb. 24, 1913. A very choice stylish bull, fully as good as his full brother who won First Prize at the Minnesota State Fair last year. The dam, a high record cow, combines the blood of Pearl of the Dairy's Joe De Kol and De Kol Burke.

For complete information address

Grahamholm Herd

W. J. BOynton, Mgr. Rochester, Minn.

AT LAST---A 36-lb.

3-YEAR OLD

Lady Tobe De Kol is the World's Champion three-year-old with records of 36.59 lbs. butter in seven days, 141.23 lbs. in thirty days.

She was bred by J. H. Phelps, also her dam and granddam, likewise her sire and his dam and granddam. She might therefore be properly called a product of the Cresdale Farm Herd.

We have a number of sisters to Lady Tobe De Kol, by the same sire, a few of them with 75 per cent the same breeding as this greatest heifer of the breed.

N. B.—We are offering bull calves from these sisters of Lady (all A. R. O. heifers), sired by a 26.71-lb. son of King of the Pontiacs.

J. H. PHELPS & SON

CRESDALE FARM VERNON, N. Y.

The Dispersion of

INDIANA'S FAMOUS HERD

APRIL 13, 1914

42 milch cows---37 with A. R. O. records.

15 heifers, bred or will be before sale.

24 calves, from 1 to 10 mo.

7 bulls of merit.

88---REGISTERED HOLSTEINS---88

50---Splendid Young Grade Cows---50

Nearly ninety per cent of the milkers are A. R. O, cows. Practically all of the heifers are from A. R. O. dams.

This percentage has never been equalled, making this Practically

AN EXCLUSIVE A. R. O. SALE

Here Are a Few of the Winners

	Age.	Time.	Milk.	Butter.
Mercedes Statesman Neth. Lyons 2d..	5 y. 1 mo. 2 d.	7 d.	677.3	30.648
Margaret Hengerveld Von Count	3 y. 10 mo. 8 d.	7 d.	635.9	27.111
Juna Bly De Kol 2d	4 y. 5 mo. 13 d.	7 d.	547.9	25.476
Maple Glen Mech. 2d Gem	8 y. 5 mo. 13 d.	7 d.	490.1	24.797
Pontiac Electric	4 y.	7 d.	628.0	24.003
Pontiac Unity	4 y.	7 d.	649.0	23.657
[redacted]	4 y. 5 mo. 14 d.	7 d.	593.9	23.592
[redacted]	6 y.	7 d.	398.0	23.174
[redacted]	4 y. 11 mo. 12 d.	7 d.	594.6	22.277
[redacted]	4 y. 5 mo. 4 d.	7 d.	478.5	20.783
[redacted]	2 y. 3 d.	7 d.	460.3	20.423
[redacted]	1 y. 11 mo. 19 d.	7 d.	476.1	20.281
[redacted]	1 y. 10 mo. 17 d.	7 d.	488.4	20.253
[redacted]	2 y. 9 mo. 6 d.	7 d.	374.1	20.125
[redacted]	2 y. 20 d.	7 d.	459.5	19.922

[redacted] old records of 15 to 18.6 lbs.

[redacted] famous sire, King Walker; also seven

[redacted] Apollo, one of the best sons of Hen-

[redacted] ucopia Coronis, a 27-lb. sire.

[redacted] orndyke.

[redacted] the Pontiacs.

[redacted] ndyke, one a 20-lb. 2-yr.-old, and two

[redacted] ords of 21 and 22 lbs.

[redacted] od as the records and breeding would

REMEMBER THESE FACTS

THE DATE—April 13, 1914.

THE EVENT—Dispersion of Indiana's Famous Herd.

THE PLACE—Indianapolis, Ind., on the Zelden Rust Farm, three miles southeast of Indianapolis Court House, a half mile from city limits. From Indianapolis take Shelbyville Interurban car, and get off at the Junction, which is a quarter of a mile from the farm. Owing to the large number to be sold, the sale will commence promptly at 10 o'clock.

In writing for catalog, be sure to mention the **World.**

C. M. BOTTEMA

R. 1 Indianapolis, Ind.

MINNESOTA'S FAMOUS HERD

offers for sale 2 bulls of quality backed up by breeding 13 months old.

King Walker Hamilton Gelsche No. 118602; First 6 dams average 30.18 lbs. butter 7 days. Sired by the King of the Black and Whites.

King Cornucopia Sadie Vale Jr. No. 115900 3rd Prize Junior bull calf, in competition of 15 New York State Fair, 1913. Handsomely marked. Dam and sire's dam average 26.16 lbs. butter 7 days.

E. P. MILLER & SON

Northfield Minn.

Wait Before You Buy

We will offer our entire herd of sixty head of registered Holstein-Friesian cattle at the Tri-County Holstein-Friesian Breeder's Association's sale, to be held May 20th and 21st at Sidney, N. Y.

Here is a chance to buy the very best at your own price. They are animals that could not be bought from us if we were to continue in business and they represent years of most carful breeding. Come to this sale and buy some good ones. Here is a chance you do not often get.

ALLENVAIL FARMS

Dunham Brothers

Bainbridge, N. Y.

King Pontiac Calypso

A worthy son of his famous sire, from one of the best daughters of Hengerveld Oe Kol.

His daughter—King Pontiac Calypso Jane—has just completed a junior three-year-old record of 31-78 lb. butter in seven days—the third largest ever made.

All the daughters of King Pontiac Calypso are "rgiht there with the goods."

All his daughters, with the exception of three, test above four per cent fat.

Service Fee for approved cows—$200.00.

S. R. CLARK

ONONDAGA VALLEY, N. Y.

QUALITY! QUALITY! QUALITY!

QUALITY!

QUALITY!

The Fifth -- The Best

TWO DAYS

April 14 and 15, 1914

. . . AT . . .

PEORIA, ILL.

Close to 200 head that justify the name of the sale.

THE CONSIGNORS:—

I. J. Case, Alta Ill.
J. W. Garvey, Thayer, Ill.
R. E. Chapin & Son, Batavia, N Y.
Green & Vaughan, Amboy, Ill.

A Few of the "Quality Queens," Also a "King" or Two:

13 daughters of Pontiac Jewel Butter Boy (a son of De Kol 2d's Butter Boy 3d, from a 30-lb. daughter of Hengerveld De Kol.)

1 daughter of King Walker (whose daughters are making World's Records.)

4 daughters of Maplecrest Pontiac Bromide Boy (a son of Pontiac Aaggie Korndyke.)

1 daughter of Beryl Pontiac Korndyke (a 34-lb. son of Pontiac Korndyke.)

1 23-lb. daughter of Sir Clyde (the great butter-fat sire.)

1 daughter of Masterpiece.

1 20-lb. yearling daughter of Walker Korndyke Segis.

2 daughters of King of the Korndykes.

Sons of King Quality, from great record daughters of Admiral Walker Pietertje.

Granddaughters of Hengerveld De Kol, King of the Pontiacs, Pontiac Korndyke, King Segis, Admiral Walker Pietertje, De Kol Hengerveld Burke.

Daughters of 25-lb. cows, and bulls whose nearest dams average close to 30 lbs.

This will be a real "Quality Sale."

J. W. GARVEY, Sale Manager

Send early for catalog to

I. J. CASE, Alta, Ill.

? HAVE YOU

bought that bull yet? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 25-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

H. C. STANTON,
Clifton Heights, Delaware County, Pa.

FOR SALE

Bull, six months old, evenly marked and good individual. Dam, Floradora Yeslet Ormsby A. R. O. Record 18.56 lbs. in 7 days, is a daughter of Sir Hengerveld De Kol Ormsby 312111 who is a full brother to the sire of Pietertje Maid Ormsby A. R. O. Record 35.56 lbs. in 7 days; 145 lbs. in 30 days. Dam on sire's side, Johanna De Colantha 52253 has A. R. O. record of 27.55 lbs. in 7 days; 104.77 in 30 days. First check for $100 takee him.

CARL MUTH DAIRY,
Egbert Muth, Prop., Sheboygan, Wis.

FOR SALE

Bull calves nicely marked and well grown. Grandsons of Pontiac Korndyke out of good A. R. O. dams.

For pedigree and price write

L. W. DURGAN,
Saranac Lake, —:— New York.

FOR SALE

Two sons of Rag Apple Pontiac Korndyke No. 88058.

HENRY ANTHES, Jefferson, Wis.

Calf Scours—
Cholera in Hogs—
White Diarrhoea in Chicks—
DE WITT'S CHOLERA COMPOUND
For Beasts and Fowls
The Famous Western Remedy
Preventative and Cure

Try it. You will meet with astonishing success. **Price per package, 75 cents.** Eastern agents,

De WITT DRUG CO., Nashua, N. H.

Bellview Stock Farm

Offers a Bull fifteen months old that is a full brother to a 22-lb. two-year-old. Price $100.

Write for pedigree.

E. B. WATROUS,
Troy Center, —:— Wisconsin.

CREAMELLE VALE BLOOD FOR SALE.

A bull calf born Dec. 6th whose sire is by Dutchland Sir Pietertje Hengerveld and a daughter of Creamelle Vale, the world's record cow for yearly milk production. His dam is by the 30-lb. bull, Elzevere Sir Canary Barnum De Kol.

Send for pedigree if you want this prize.

BEACH & WIRT,
Battle Creek, Michigan.

THE 1914 SALE

THE SALE OF UNBLEMISHED INDIVIDUALS
THE SALE OF CONTINENT-WIDE PATRONAGE

The confidence of the buying public in the quality series, of which this is the fifth sale, rests on a secure foundation. These twice-a-year sales have provided a market-place for the best animals of the breed, and have demonstrated that the buying public is appreciative of cattle quality.

Details concerning the entries for the coming sale will appear in later issues. In the meantime be sure to put down in your spring sale itinerary—whether you hail from Maine or California—

THE 1914 SALE

Syracuse, N. Y., May 13 and 14

E. M. HASTINGS, Sale Manager **LACONA, N. Y.**

Emblagaard Dairy Offers Bull Ready For Service
FIT TO HEAD ANY HERD

Prince Segis Walker Pietertje 123955. **Born April 19, 1913**

Sire, **Emblagaard Prince 80596** (See issues of World for last two months for cut and description) a son of Segis Walker Pietertje, who made three records averaging 26.42 lbs. before she was four years old a world's record, she is a daughter of King Segis and Ruby Walker Pietertje, 30.21 lbs., who was a 30-lb. daughter of a 30-lb. cow. The sire of Emblagaard Prince is King Colantha Clothilde, a son of Colantha Johanna Lad and Abby Hartog Clothilde, 31.39 lbs.

Dam, **De Kol Paul Baroness Ladoga 75702,** seven-day record 30.13 lbs., 30-day record 103.14 lbs. She is a daughter of Ladoga De Kol Pauline, 7 day record 30.80 lbs., 30-day record 107.69.

The records of his dam and granddam and the ten nearest dams of his sire average for the twelve, butter 7 days 29.76.

Send for detailed pedigree and photograph.

EMBLAGAARD DAIRY **BIG BAY, MICH.**

Big Sale May 7 and 8
At EARLVILLE, N. Y.

THE NEXT ISSUE OF THIS PAPER WILL ANNOUNCE THE STOCK CONSIGNED FROM THE

SHERBURNE STOCK FARM

This Herd contains daughters of some of the best bulls of the breed

CLAYTON SISSON **SHERBURNE, N. Y.**

FAIRVIEW FARMS HERD

STILL HAS

a few splendid young bulls sired by PONTIAC KORNDYKE, or RAG APPLE KORNDYKE 8TH, and out of cows with records from 20 pounds as two-year-olds, to 33.75 lbs. at full age. REMEMBER, the few sons of Pontiac Korndyke still in our herd are the last that will be for sale. Do you want one? LOOK UP THE RECORD OF HIS SONS AND SEE WHAT THEY ARE DOING AS SIRES. Pontiac Korndyke is the greatest producing sire of the breed that has ever lived, through his sons alone, and you know what his daughters have done.

E. H. DOLLAR **HEUVELTON, N. Y.**

What Would You Give?

For a son of the **World's Champion Junior 3-year-old**...Remember the price you think of and **attend** the **Consignment Sale** to be held at **Liverpool April 14-15.** In this sale I have entered **Briar Pietje Lyons Preble** No. 98330, a son of **Briar Pietje Abbekerk** No. 127718, **the new World's Champion Junior 3-year-old for 365 days.**

Record for 365 days.... { **Butter, 955.43 lbs.** / **Milk, 21,628.3 lbs.** }

7-day record 8 mos. after calving 2nd largest in World { **Butter, 18.31 lbs.** / **Milk, 400.0 lbs.** }

Briar Pietje Lyons Preble was calved Dec. 14, 1911, is a descendant of **Belle Korndyke** and is sired by **Triple De Kol Lyons Preble** No. 65019, whose sire is a son of **Betta Lyons Netherland,** the only 34-lb. cow with a **34-lb.** dam. Three daughters of **Triple De Kol Lyons Preble** have just copleted A. R. O. records of 13.70, 13.92 and 15.43 lbs. of butter as **junior** two-year-olds and his oldest daughters, a junior three-year-old has just made **16.85 lbs.**

I have entered the 13.70-lb. junior two-year-old and the 16.85-lb. three-year-old in the sale. Write for pedigree and particulars concerning the consignment. Address

A. A. KNAPP, Preble, N. Y.

The Prophecy of Sir Segis Korndyke Walker

No. 59712

Every daughter that freshens puts dollars in your pockets IF YOU HAVE ONE OF MY SONS.

Another daughter has freshened, Hengerveld Korndyke Princess No. 184133, and for her first seven days has made 21.46 lbs. butter at 2 yr. 6 mo. 7 da. giving the first five 2-yr-old daughters that have been tested the following A. R. O. records—22.31, 21.46, 20.22, 19.35 and 16.34 (seven months calf) resulting in an average of 19.93.

Remember "Mendel's Law" and buy one of my sons which has 75% of my transmitting ability and from a 22.31-lb. 2-yr-old.

F. C. & K. A. OVERTON, Adams, N.Y.

Opportunity Knocks at Your Door

The Tri-County Holstein-Friesian Breeders' Association will hold their annual sale at Sidney, N. Y., on May 20th and 21st. About two hundred (200) head of registered Holstein-Friesian cattle are to be sold. These animals are the surplus from the herds of well known breeders of high reputation.

Included in this lot of superior cattle, will be the entire herd of Dunham Brothers, Bainbridge, N. Y., which they are obliged to sell, owing to the sale of their farm.

CONSIGNORS TO THE SALE:

W. L. Terry, Walton, N. Y.
Ralph Corbin, Bainbridge, N. Y.
J. A. Vandervort, Sidney Center, N. Y.
Dunham Bros., Bainbridge, N. Y.
H. C. Swartout, Hartwich Seminary, N. Y.
O. L. Ives, Guilford, N. Y.
E. E. Risley, Walton, N. Y.
E L. Hall, Oneonta, N. Y.
M. C. Johnson, Sidney, N. Y.
and other consignors of high standing.

For information and catalogs, address

Dunham Bros. Bainbridge, N.Y.

HOW'S THIS?

A bull calf—sired by Prince Korndyke Pontiac, a 33-lb. son of Pontiac Korndyke. Dam—Korndyke Segis—a 27.48-lb. daughter of King Segis. She has a 20-lb. yearling daughter, and is one of the best daughters of her sire.

Here is a 30-lb. Average

Calf is a big nice individual, largely white—about a month old.
The price on this kind is steadily going up.
For full information address

Hugh J. Davis Broadalbin, N. Y.

N. B. Approved cows will be bred to Prince Korndyke Pontiac at $75.00—three for $200.00.

Seek-No-Farther Holsteins

THE GREATEST SPRING FRESHENING HERD IN MICHIGAN

Headed by and bred to a young grand son of King of the Pontiacs, Pontiac Artis, Joe Gelsche De Kol Burke and Clarissa Clothilde Pietertje.

His three nearest dams average over 30 lbs. butter and over 611 lbs. milk for 7 days.

Our cows will freshen from March 8 to June 16. Make your wants known at once, or you'll be too late. Every person has his own choice with us.

Yours to please.

H. A. WARD Prop. **GREGORY, MICH.**

DAVISDALE HERD

HARRY B. DAVIS, Prop. **Chester, N. Y.**

Where can you beat this for $500.00? We would like to show you personally this

BULL CALF

Born Dec. 5, 1913.

The record of his six nearest dams (including the 2-year-old record of his own dam) average—
Butter, 7 days 26.65

Omitting this two-year-old record, his five nearest dams average 28.64 lbs.

A right good individual, handsomely marked.

ORMSBY KORNDYKE LAD.

The records of his dam and sire's dam average—
Butter, 7 days 35.09
Butter, 30 days 138.11

A show bull of regular 35-lb. quality. His offspring share these desirable characteristics, and promise much for the future.

BUTTER GIRL MAY KORNDYKE.

At 2 years—
Butter 16.69
Milk 355.10

One of the good daughters of her sire. A heifer with a future.

KING KORNDYKE HENGERVELD ORMSBY.

The $7,500.00 Bull.

Has a good list of A. R. O. daughters. His dam, Pietertje Maid Ormsby (35.56 lbs. in 7 days, 145.66 lbs. in 30 days.)

POLLY POSCH.

Butter, 7 days 34.61
Milk, 7 days 700.20
Butter, 30 days 130.56
Milk, 30 days 2866.20
Best 7 days' milk 723.00

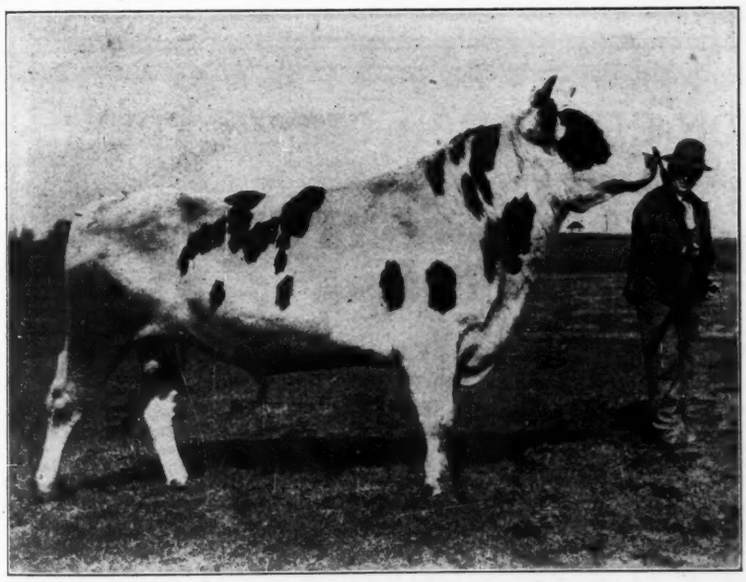
PONTIAC KORNDYKE.

We don't need to introduce him.

BUTTER BOY MAY PIETERTJE.

Butter, 4½ years 23.82
Milk 573.30

From a 23-lb. dam and by De Kol 2d's Butter Boy 3rd.



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.
What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:
Grace Fayne 2nd Homestead 33.55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

THE IDORA PLACE DISPERSION

AT YOUNGSTOWN, OHIO

APRIL 27, 1914

The day preceding the Jewell Dispersion at Kinsman, Ohio.

90 --- PURE BRED HOLSTEINS --- 90

The Idora Place Herd is a good herd. It has been selected with great care, particular emphasis being laid on individuality.

Our herd sires are as good as the breed affords.

You are familiar with our former sire

SIR FAYNE CONCORDIA

who has a 30-lb. daughter, and many other good ones; also a World's Record granddaughter. In the herd are **thirty** of his daughters and sons.

Our present sire is known to many of you. His name is

PRINCE KORNDYKE HENGERVELD ORMSBY.

He is a son of the great 33-lb. show cow, Gracie De Kol Ormsby, and Sir Korndyke Hengerveld De Kol, who combines in the closest degree the blood of Hengerveld De Kol and Pontiac Korndyke. This sire is more than a three-fourths brother to the $7,500.00 sire, King Korndyke Hengerveld Ormsby.

Nearly all the females in the herd will be bred before Sale to

THE 33-LB. BULL.

The calves will be valuable.

These will look good to you:

A 1640-lb. daughter of King of the Pontiacs—the best one in Ohio. Just try to buy this kind at private sale. Then note what they bring in public sale—four in one sale recently averaging over $2,600.00.

Her two daughters; also

Three other granddaughters of King of the Pontiacs.

Daughters of 30-lb. cows.

Daughters of 30-lb. sires.

30-lb. prospects.

The kind that will make good for you.

Nearly all the leading sires are well represented.

Get in line for prosperity.

Wm. Bakody, Prop.

For catalog address

E. M. HASTINGS, Sale Manager, Lacona, N. Y.

N. B.—Three Sales Close Together—

April 25—Gustavus, O.—B. E. Totton, 100 head.

April 27—The Idora Place Dispersion—(See above.)

April 28—Kinsman, O.—The W. C. Jewell Dispersion, 90 head.

THE MADISON-CHENANGO CLUB SALE

at EARLVILLE, N. Y.

May, 7-8 1914

200 --- HOLSTEIN FRIESIANS --- 200

Comprising the best selections from close to **forty** of the leading herds of the

"HUB OF THE HUB"

COLD FACTS convince where eloquence is of no avail. Read, therefore, for yourself, and you will be able to draw your own conclusions concerning the character of the sale.

FIRST. The consignors—nearly forty of them—an unprecedented number, each one with the success of the sale deeply at heart, and with this idea in mind, selecting a few of his best animals. So right on the start, the Hub sale has an advantage overy any other that has ever been held.

SECOND. The cattle, and among the offerings are the following: Lockhart De Kol, the World's Champion Senior two-year-old; she also has a 30-lb. three-year-old record.

King Walker Champion, the contest bull. A $2000.00 prize for the member of the H.-F. Association of America that guesses nearest to what he brings in the sale.

9 daughters of King Colantha Clothilde, whose two nearest dams average over 33 lb. Some of these heifers have records as high as 20 lb. at 2 years and 24 lb. at 3 years. Their dams have records of 23.5 lb. at 3 years to 29 lb.

9 daughters of King of the Black and Whites, mostly from the Colantha heifers mentioned above. One out of a 27-lb. cow, another from a 23-lb. 2½-yr-old, and another backed by four generations of 25-lb. cows on the dam's side.

A son of the former World's Champion 35-lb. cow, De Kol Queen La Polka 2d.

A daughter of Tidy Abbekerk Prince, and her calf by a 37-lb. son of King of the Pontiacs.

A daughter of King Pontiac Artis Korndyke, and her calf by a son of the 44-lb. cow.

1 daughter of Admiral Walker Mantador, from a 28-lb daughter of Artis De Kol Walker.

3 daughters of Artis De Kol Walker, one a 26-lb cow.

2 daughters of Lilith Pauline De Kol's Count, one a 27-lb cow from a 23-lb. daughter of a 24-lb. cow; the other a 20-lb. 3-yr-old with a World's Record daughter.

5 daughters of Beauty Pietertje Hamilton, whose three nearest dams average 30.5 lb.

An 18-lb. 2-yr-old, from a 29-lb. dam, and by a son of a 32-lb. cow.

A daughter of Korndyke Pontiac Aaggie, whose two nearest dams average over 34 lb.

Granddaughters of Pontiac Korndyke, King of the Pontiacs, King Segis, and others of the best of the breed.

We could continue along this line indefinitely, and still leave many of the good ones unmentioned, but we will have to leave that for another time.

MEANWHILE make your plans to attend this history-making event, and get in line to win a $2000.00 prize.

Watch for further announcements.

Write early for catalog to

E. M. HASTINGS, Sales Manager **LACONA, N. Y.**

SECOND ANNUAL SALE!

R. H. BEARD, Cortland, N. Y.

APRIL 16th, 1914

75 -- Registered Holsteins -- 75

A sale of high-class animals of the sort that will make good for the purchaser. They have individuality and breeding.

Consider the significance of these offerings, representative of the character of the sale.

Daughters and sons of Contest Colantha Crown De Kol, who was by Dutchland Colantha Contest Boy, and from a 27.96-lb. cow that has been twice Grand Champion at the New York State Fair.

A daughter of Contest Colantha Champion, whose dam holds World's milk records for each of her first three lactation periods.

A daughter of the 32-lb. sire, Dichter Calamity Butter Boy.

A daughter of the 30-lb. sire, Sir Maida Piebe DeKol.

7 daughters of Count Tirania Korndyke De Kol.

6 granddaughters of Mercedes Julip's Pietertje's Paul.

Also granddaughters of Rag Apple Korndyke, Paul Beets De Kol, Sir Clyde, Mooie Fayne De Kol, Aaggie Cornucopia Johanna Lad Jr., Johanna De Kol 2d's Lad, Aaggie Cornucopia Pauline Count, The Milk and Butter King, Beauty Prince, and other good ones.

If you are interested in this kind, we shall be glad to have you meet us at the sale.

Remember the time and place—April 16, at Cortland, N. Y.

For catalog etc., address **R. H. BEARD, Prop., Cortland, N. Y.**

Auctioneer—BARNEY KELLEY.

Sale Manager—E. M. HASTINGS.

N. B.—Many of these cows and heifers are bred to Fairview Johanna Gladi Korndyke, a grandson of Pontiac Korndyke and Colantha Johanna Lad. Both his granddams were by Hengerveld De Kol.

Just Think of it!

The Jewell Dispersion Sale

AT KINSMAN, OHIO

APRIL 28th, 1914

will offer 90 head, consisting of—

Fifty-five daughters of the two herd sires.

Thirty-five by Paul Beets Butter Boy, who combines in the closest degree the blood of Paul Beets De Kol and De Kol 2d's Butter Boy 3d.

Twenty by Dutchland Hengerveld Winana Boy, who was from the 31-lb. cow, Winana De Kol Korndyke, and by a 29-lb. son of Pietertje Hengerveld's Count De Kol.

Where else can you find an equal number of heifers with breeding which compares with these?

In the herd are likewise

Nine granddaughters of the wonderful sire, De Kol 2d's Butter Boy 3d.

Five granddaughters of Julip's Pietertje's Paul. The sire of these young cows is a brother to King Segis.

This is real BREEDING STOCK.

Make your plans now to attend.

W. C. JEWELL, Prop.

For catalog address E. M. HASTINGS, Sale Manager, Lacona, N. Y.

N. B.—Three Sales Close Together—

Apr. 25—Gustavus, O.—B. E. Totten—100 Head.

Apr. 27—The Idora Place Dispersion (See above)

Apr. 28—Kinsman, O.—W. C. Jewell Dispersison—90 head.

OPPORTUNITY'S CALL

Liverpool Sale & Pedigree Co.

WILL SELL

180 --- HOLSTEINS --- 180

APRIL 14-15, 1914

CLAUDE VAN PATTEN OF ENDICOTT, N. Y. This consignment consists of a number of high-class dairy cows that will be a credit to any man's herd, the most of them are bred to Wayne Korndyke Pontiac, a well bred son of the great Pontiac Korndyke. The greater number of these animals have A. R. O. records. There are several granddaughters of Korndyke Queen De Kol's Prince and of Pontiac Korndyke.

STEVENS BROS., LIVERPOOL, N. Y., consign a yearling bull, sired by son of King of the Pontiacs from a 25-pound three-year-old dam, whose dam has a 22½-lb. daughter of Hengerveld De Kol. The dam of this cow is a 32-lb. cow of great merit; also a four months old bull calf from the same cow, and several granddaughters of King of the Pontiacs.

MURPHY & GILLETTE, MANLIUS, N. Y., consign: one full age cow, which has 21.65 pound seven-day record and eight months after calving milked 60 pounds. Segis Wayne Johanna, sired by King of the Pontiacs Artis; at three years and two months old made 26.65 pounds of butter in seven days, and one four-year-old heifer who made 25 pounds as a three-year-old; a son of Netherland Korota Concordia, made 30.11 pounds of butter in seven days, and milked 100.3 pounds in one day. A December bull calf from Briar Pietje Abbekerk, who has made 955.43 pounds of butter in 365 days; a world's record for a three-year-old.

R. F. MEAD, OF WEST RUTLAND, VT., consigns a number of animals of superior merit, as those who have purchased animals of Mr. Mead in the past, will acknowledge. The man who purchases from this consignment will have something for a foundation herd.

F. A. LAWRENCE OF VERNON, N. Y., consigns ten head of well-bred animals which are grand individuals, the type that you will gladly show your neighbors, if you happen to be the lucky purchaser.

DON'T REFUSE OPPORTUNITY

THIS TIME, BUT COME, as the Liverpool Sale & Pedigree Co. spare no effort to insure the comfort and entertainment for their visitors.

LIVERPOOL SALE & PEDIGREE CO.

LIVERPOOL, N. Y.

BOOMER NUMBER FOUR

Liverpool Sale and Pedigree Co.

Liverpool Trolley, SYRACUSE, N. Y.

APRIL 14-15, 1914

BROWN BROS., CANTON, N. Y., consign four granddaughters of Pontiac Korndyke, and Leila De Kol Clothilde 2d, 26.86 pounds as a senior four-year-old, a good daughter of Sir Pontiac Korndyke.

J. H. WISE, FULTON, N. Y., will consign a number of good dairy cows and two grand sons of Pontiac Korndyke; the cows are bred to Fairview Korndyke Johanna; he by Pontiac Korndyke, and from Johanna Aaggie Pauline 2d, who made 22.2 lbs. at 25 months old, her dam a 25-lb. cow.

JAMES GIBSON'S consignment consists of a 20.4-lb. two-year-old daughter of Rag Apple Korndyke, bred to Johanna King Segis, who's dam is a 40-lb. cow, Johanna De Kol Van Beers. Mr. Gibson has another daughter of Rag Apple Korndyke, with a record of 22¼ lbs. as a four-year-old, two daughters of Clothilde Concordia, from daughters of Rag Apple Korndyke, and a 21-pound four-year-old daughter of Pontiac Korndyke, bred to Johanna King Segis; also a young bull from Netherland Koroba Concordia, who produced 100.2 lbs. milk in a day, 30.11 lbs. of butter in seven days.

C. F. HUNT, ORAN, N. Y., consigns a daughter of Dichter De Kol Netherland, who's dam and sire's dam average 31.88 lbs. of butter in seven days. Several daughters of Mercedes America Paul, and a fine October calf sired by Count Fayne Hengerveld, whose dam is the highest record daughter of Hengerveld De Kol.

M. E. DUNNING OF MIDDLETOWN, N. Y., has consigned several good daughters of Spofford Calamity Paul, who now has a thirty-two pound four-year-old and a thirty pound three-year-old daughter. Seven daughters of Dichter De Kol Netherland. There is a son of this bull from a twenty-three pound daughter of King Pontiac Pyrrha, one of the best bred sons of the King of the Pontiacs. Mr. Dunning also has one bred to the $10,000 bull, King Segis Pontiac Alcartra.

MR. A. KNAPP OF PREBLE, N. Y., has three daughters of Triple De Kol Lyons Preble, and also a son of the same bull. The dam of the young bull is a Briar Pietje Abbekerk, who has a record of 955.42 of butter in a year. Mr. Knapp's females are bred to King Vale Segis, whose pedigree shows some of the greatest official and semi-official records ever made.

HORSTMANN & BERNING OF SCHENECTADY, N. Y., consign a number of well-bred animals, several of which are bred to the King of the Pontiacs 4th, a high-class son of King of the Pontiacs.

EVERYTHING TUBERCULIN TESTED

AND PERSONALLY INSPECTED

LIVERPOOL SALE & PEDIGREE CO.

LIVERPOOL. N. Y.

HAEGER'S TENTH ANNUAL SALE

Sale Pavilion Algonquin, Illinois, April 23-24, 1914

Consigned by

RIVERSIDE STOCK FARMS
ALGONQUIN, ILLINOIS

F. W. HOPP
ELGIN, ILLINOIS

SPRING LAKE DAIRY FARM
ALGONQUIN, ILLINOIS

A. W. HAEGER
ALGONQUIN, ILLINOIS

T. E. GETZELMAN
HAMPSHIRE, ILLINOIS

JOHN DEHMLOW
ALGONQUIN, ILLINOIS

FRED GALE, BATTLE CREEK, MICH.

25 BULLS 50 COWS 125 HEIFERS

Several sons of Johanna McKinley Segis, out of choicely bred record dams.

A yearling son of King Segis Pontiac out of a 25.71-lb. daughter of King of the Pontiacs.

A 3-yr.-old son of King of the Pontiacs, out of a 24.31-lb. 3-yr.-old daughter of King Segis Pontiac.

A yearling son of King of the Pontiacs, out of a 16-lb. 2-yr.-old of fancy breeding.

A 3-yr.-old son of Oakland Paul Beets Burke, out of a daughter of Aaggie Cornucopia Johanna Lad. He is a real Show Bull.

A yearling son of Judge Hengerveld De Kol, out of a 23.66-lb. dam.

A 4-yr.-old son of Polly Posch (34.61 lbs. butter, 700.1 lbs. milk in seven days.)

COWS WITH OFFICIAL RECORDS

Nice straight individuals, good records, bred to great bulls—the very kind that pay in the pail and their offspring as well.

YEARLING HEIFERS

The nicest lot you will have a chance to select from. They are chuck full of the best breeding and have been served to bulls that are the very best.

HEIFER CALVES

You must see them to appreciate the quality in these calves. Of course their pedigrees will show for themselves. But remember this lot of young heifers you don't find offered in many sales.

Daughters of the World's Most Famous Sires

King Segis Pontiac
King of the Pontiacs
King Korndyke Heng. Ormsby
Oakland Paul Beets Burke
King Walker

Johanna McKinley Segis
Pietertje Hengerveld Segis
Colonel Beets Segis
Hope's Cornucopia Johanna Lad
Pietje 22d's Woodcrest Lad

Pontiac Korndyke
Pontiac Korndyke Hengerveld
Woodcrest Hengerveld De Kol
Judge Hengerveld De Kol
Woodcrest Nig De Kol

WHERE ON EARTH

Can you find sales offering blood of this kind and the amount of it. These are not grandsons and granddaughters, as the most of them offered you, but are sons and daughters of these WORLD'S GREATEST PRODUCING SIRES. You get them here right from the FOUNTAIN HEAD. They are REAL HOLSTEINS with REAL BREEDING, and the opportunity is up to you.

ALL STOCK OVER SIX MONTHS OLD TUBERCULIN TESTED

REMEMBER

WE ALWAYS HAVE WHAT WE ADVERTISE

We will try to have catalogs to mail before the sale, but make your plans to come to the sale. For information or catalog address

R. E. HAEGER, Box W, Algonquin, Illinois

Auctioneers--Kelley--Haeger--Mack

SPRING FARM HERD

THE HOME OF THE $15000 BULL SPRING FAR PONTIA C CORNUCOPIA No. 77172 AND HIS FULL BROTHER

King Korndyke Pontiac Lass No. 115585 and also King Pontiac Konigen No. 75348 a son of King of the Pontiacs and from the great cow Diona Konigen Pietertje with an A. R. O. record of 37.44 lbs. of butter in 7 days from 661.6 lbs. of milk; 154.16 lbs. of butter in 30 days from 2652.10 lbs. of milk; percent fat 4.6; 103.2 lbs. of milk in one day. This is the 4th largest 30 day record in the World.

He has a full sister K. P. Diona Pietertje 20.23 lbs. in 7 days as 2 yr. old, 80.99 lbs. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac the three fourths brother of the dam of the 44-lb. bulls.

Service to insure a life calf $350.00 to the 44-lb. bulls, except for 30-lb. cows, which will cost $500.

Service to insure a live calf $150 to King Pontiac Koningen.

Francis M. Jones

Oneida Co. **CLINTON, N. Y.**

Sir Veeman Hengerveld

has 49 A. R. O. daughters, including five with records of 30 to 33.69 lbs., 20 above 25 lbs. and 35 above 20 lbs.

No other sire, living or dead, with half as many A. R. O. daughters, can approach this showing with respect to percentage of either 20-lb. or 25-lb. daughters. Only one other living sire has as many 30-lb. daughters.

This time we offer one of his sons, an exceptionally fine individual, two-thirds white born July 2, 1913. His dam, Julia Hengerveld Veeman, freshening as she did in hot weather, made a record of only 14.41 lb. butter, 356.4 lb. milk, but she is bound to be heard from in later tests. One of her full sisters has just made a 2-yr-old record of 16.95 lb. She was by Sir Korndyke Pontiac Artis, and from a 17-lb. jun. 2-yr.-old daughter of **Sir Veeman Hengerveld** and the great 25-lb. show cow, De Kol Princess Tricksy. The pedigree of this calf thus presents a double cross of the blood of Sir Veeman Hengerveld, and is extra good in every line.

If you are looking for individuality you ought to see Sir Veeman Hengerveld and his sons and daughters. But if you cannot make a personal inspection write for further information to

W. D. ROBENS

Pleasant Hill Herd **Poland, N. Y.**

N. B.—The service fee of Sir Veeman Hengerveld, for approved cows only, is $100.

Spring Farm King Pontiac 6th

THE BEST BRED BULL IN THE WORLD

Why?

For Many Reasons

He carries a much larger percentage of extreme high producing blood, than any other bull. He carries more (87½%) of the same blood that produced the World's largest butter record cow, from 7—100 days than any other sire.

His three nearest female relatives have much larger average butter records, for seven and thirty days, than the like relatives of any other sire. His dam and her daughter, have much larger average seven and thirty-day record than any other dam and daughter.

He comes from popular blood lines, popular because they deliver.

Korndyke, Hengerveld, De Kol, Pietertje, De Kol 2's Butter Boy 3d, Hengerveld De Kol, King of the Pontiacs and Pontiac Korndyke, its all there. Every animal that appears in the pedigree of the 44-lb. cow also appears in the pedigree of Spring Farm King Pontiac 6th and none of them more than one generation farther away.

His ancestry all through the pedigree, show almost unequal ability to transmit their great producing powers, through their sons and daughters, through their grand sons and granddaughters, and even to the third and fourth generation.

Spring Farm King Pontiac 6th carries more high producing blood and its higher producing blood, than any other sire. He has the inherited transmitting ability. He comes from the best blood lines judged not only by records but for the prices they sell for under the hammer and he is today, *the best bred Holstein bull living.*

The preceding statements can be truthfully made of no other bull. He is a good individual, he is having a wide opportunity, he started young, this is all to his advantage.

Now is the time for you to get in, you can do it for a $200 service fee, that is pretty cheap or if you are in a hurry, pay more and get a calf by him.

Send for the ilustrated booklet that tells more of his story.

At the next breeders sale, May 5th and 6th, we are selling several good things in calf to him. By the way, did you know at the last breeders' sale, January 13th and 14th, one man bought three young cows from our consignment—a three-year-old, a four-year-old and a five-year-old, since then they have calved and he has made a 30-lb. and a 34-lb. record on two of them. The three-year-old calved before he got her away from the sale and made between 23 and 24 after he got her home. The best any of them had when we sold them, was a 20-lb. record.

Hadn't you better be at the May sale? That's the kind of cattle we sell.

You are making a mistake if you are forgetting Spring Farm King Pontiac 6th.

HENRY STEVENS & SON

BROOKSIDE STOCK FARM

LACONA, N. Y.

ESTABLISHED 1876 175 HEAD